

**EMPLOYMENT TRENDS  
MASSACHUSETTS  
1980 TO 1992**

GOVERNMENT DOCUMENTS  
COLLECTION

OCT 29 1993

University of Massachusetts  
Depository Copy





## INTRODUCTION

This is one of a set of booklets prepared by the Massachusetts Department of Employment and Training to provide employment statistics for the Commonwealth and its major labor market areas. These areas, known as metropolitan statistical areas (MSAs) or primary metropolitan statistical areas (PMSAs), were defined by the Federal Government based on commuting patterns identified in the 1970 census. They became effective in 1980 in Massachusetts, but not all of the major metropolitan areas were designated as such (except for the Salem-Groton area). The booklets are arranged in two volumes, one for the sub-state data contained in the 1980 census and one for the 1992 data.

## EMPLOYMENT TRENDS

## MASSACHUSETTS

### 1980 TO 1992

Two different types of data are given: nonagricultural wage and salary employment which is based on a sample of companies and is an estimate of jobs by place of work. The latter figure and nonfarm payroll statistics are based on a household survey and are estimates of employed and unemployed persons by place of residence. These two data sources are not perfectly identical but they complement each other. The nonagricultural employment series provides information on employment in the manufacturing division and selected activities for the state and the major labor market areas. The unemployment statistics program is the source of information on total unemployment in the state.


The major labor areas in Massachusetts are:

Barnstable PMSA  
Berkshire PMSA  
Fall River, Mass. & F., PMSA  
Fitchburg-Lowell MSA  
Lawrence-Beverly, Mass. & F., PMSA  
Lowell, Mass. & F., PMSA  
New Bedford MSA  
Pittsfield MSA  
Salem-Groton PMSA  
Springfield MSA  
Worcester MSA

A booklet of "Employment Trends" has been prepared for the data for each labor market area identified above. To obtain a copy of any of these booklets call 617/527-6100 or write to:

MASSACHUSETTS DEPARTMENT OF EMPLOYMENT AND TRAINING  
FIELD SERVICE RESEARCH  
CHARLES F. HURLEY BUILDING  
GOVERNMENT CENTER  
BOSTON, MASSACHUSETTS 02114

JULY 1993



Digitized by the Internet Archive  
in 2014



## INTRODUCTION

This is one of a set of booklets prepared by the Massachusetts Department of Employment and Training to provide employment statistics for the Commonwealth and the major labor market areas. These areas, known as metropolitan statistical areas (MSAs) or primary metropolitan statistical areas (PMSAs), were defined by the federal government based on commuting patterns identified in the 1980 census. They became effective in 1985 in Massachusetts, but data have been revised back to 1980 for the nonagricultural wage and salary employment series, and back to 1983 for the local area unemployment statistics (except for the Salem-Gloucester PMSA for which only the latter series was revised). All of the sub-state data contained in these packets is for these labor market areas.

Two different types of data are provided for the state and each of the local areas. The nonagricultural wage and salary employment series is based on a survey of employers and is an estimate of jobs by place of work. The labor force and unemployment statistics are based on a household survey and are estimates of employed and unemployed persons by place of residence. These two data sources are not comparable, but each has important uses. The nonagricultural employment series provides estimates of employment by major industry division and selected industries for the state and the major labor areas. The local area unemployment statistics program is the source of information on local unemployment rates.

The major labor areas in Massachusetts are:

- Boston PMSA
- Brockton PMSA
- Fall River, Mass.-R.I., PMSA
- Fitchburg-Leominster MSA
- Lawrence-Haverhill, Mass.-N.H., PMSA
- Lowell, Mass.-N.H., PMSA
- New Bedford MSA
- Pittsfield MSA
- Salem-Gloucester PMSA
- Springfield MSA
- Worcester MSA

A booklet of "Employment Trends" has been prepared for the state and each labor market area identified above. To obtain a copy of any of these booklets call 617/727-6530 or write to:

**MASSACHUSETTS DEPARTMENT OF EMPLOYMENT AND TRAINING  
FIELD SERVICE RESEARCH  
CHARLES F. HURLEY BUILDING  
GOVERNMENT CENTER  
BOSTON, MASSACHUSETTS 02114**





This booklet is organized as follows:

**I. Labor Force and Unemployment Data/Massachusetts and United States, 1980-1992**

The first table in this section provides annual average labor force and unemployment data for Massachusetts and unemployment rates for the United States for the years 1980 through 1992. The tables that follow it give the same type of statistics on a monthly basis, both seasonally adjusted and unadjusted.

**II. Nonagricultural Wage and Salary Employment/Massachusetts and United States/Annual Averages, 1980-1992**

This section contains annual average nonagricultural employment levels for major industry divisions and selected industries in Massachusetts for the years 1980-1992. Also included are a table providing similar data for major industry divisions in the United States, and a table showing total nonagricultural and manufacturing employment for Massachusetts and each of its major labor market areas for the most recent three years.

**III. Detailed Nonagricultural Wage and Salary Employment Tables/Massachusetts, 1990-1992**

This section contains detailed monthly and annual average nonagricultural employment levels for major industry divisions and selected industries in Massachusetts for the years 1990 through 1992. All monthly nonagricultural employment data in this booklet are not seasonally adjusted. A separate booklet provides seasonally adjusted monthly employment estimates for major industry divisions at the statewide level for the years 1983 through 1992.



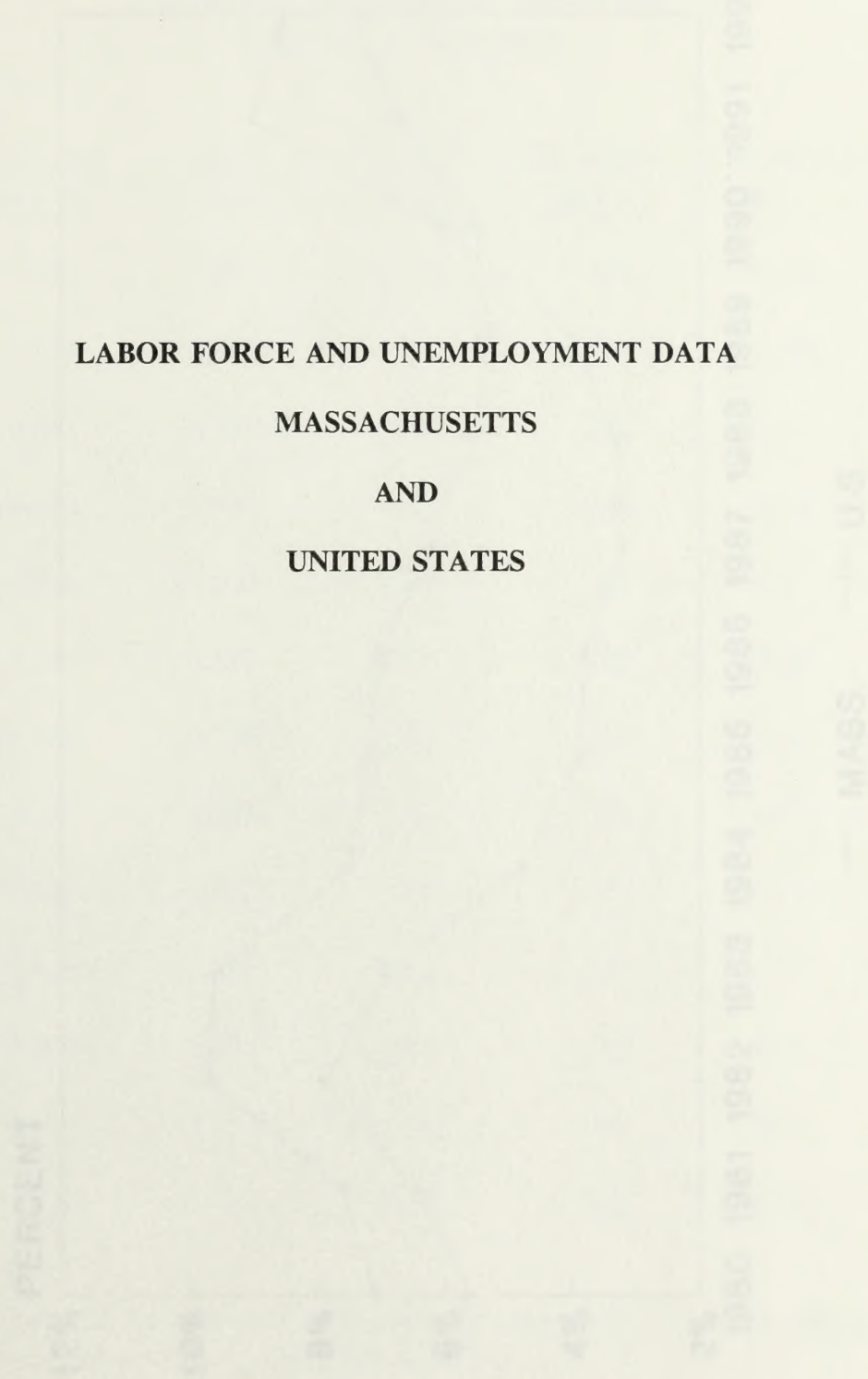


# LABOR FORCE AND UNEMPLOYMENT DATA

MASSACHUSETTS

AND

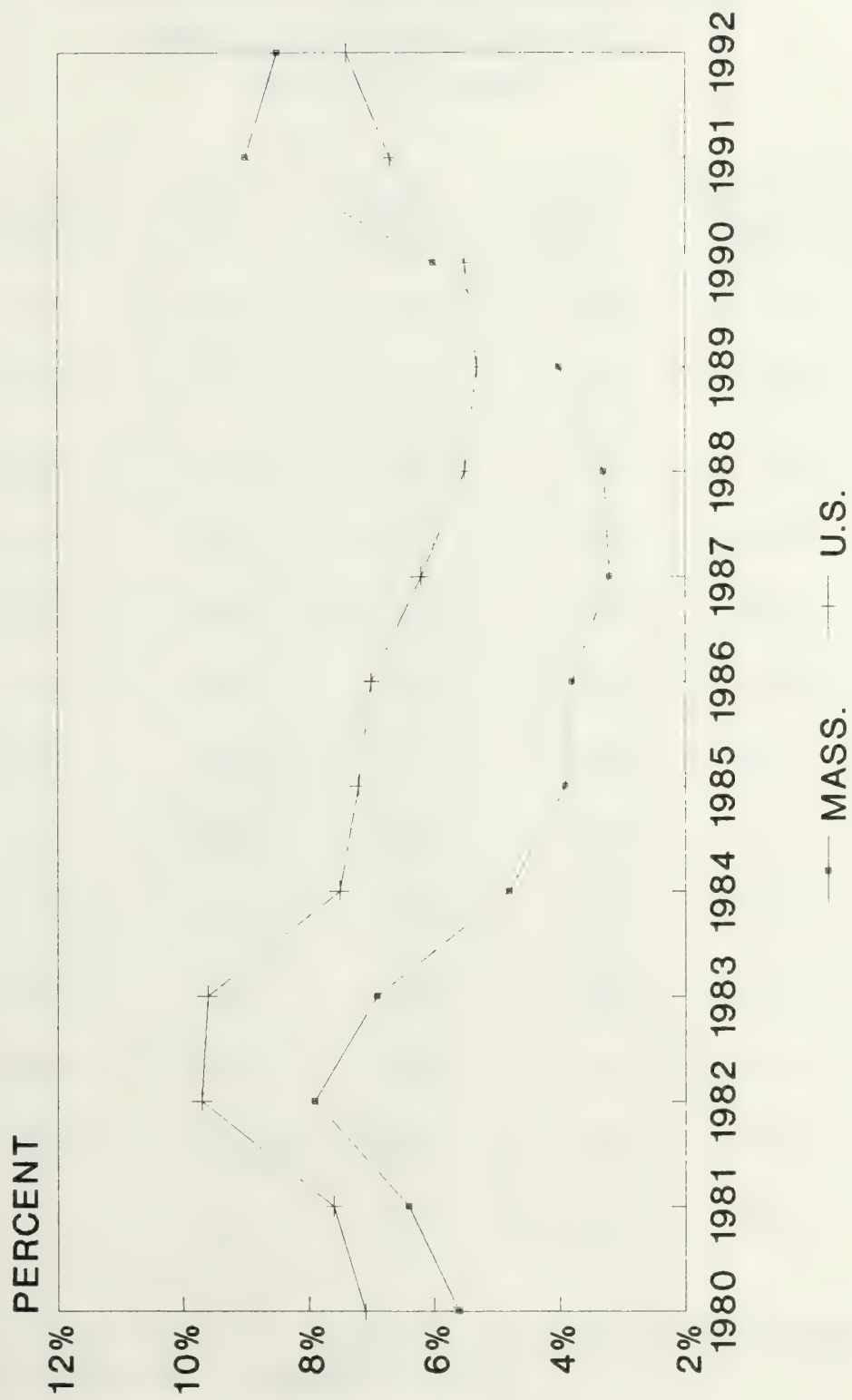
UNITED STATES







# ANNUAL UNEMPLOYMENT RATE MASSACHUSETTS and UNITED STATES







**MASSACHUSETTS LABOR FORCE DATA  
AND NATIONAL UNEMPLOYMENT RATE  
ANNUAL AVERAGES 1980-1992  
(Numbers in Thousands)**

	<u>Working Age Population</u>	<u>Labor Force</u>	<u>Employ- ment</u>	<u>Unemploy- ment</u>	<u>Unemployment Rate Mass.</u>	<u>U.S.</u>
1980	4,374	2,867	2,706	162	5.6%	7.1%
1981	4,418	2,947	2,760	187	6.4%	7.6%
1982	4,443	2,993	2,757	237	7.9%	9.7%
1983	4,472	2,977	2,772	205	6.9%	9.6%
1984	4,511	3,047	2,902	145	4.8%	7.5%
1985	4,534	3,051	2,931	120	3.9%	7.2%
1986	4,563	3,058	2,941	118	3.8%	7.0%
1987	4,587	3,086	2,987	99	3.2%	6.2%
1988	4,612	3,155	3,052	103	3.3%	5.5%
1989	4,618	3,180	3,053	127	4.0%	5.3%
1990	4,620	3,166	2,977	189	6.0%	5.5%
1991	4,624	3,127	2,847	280	9.0%	6.7%
1992	4,630	3,126	2,862	265	8.5%	7.4%

SOURCE: Massachusetts Department of Employment and Training and The United States Department of Labor, Bureau of Labor Statistics, Current Population Survey.

NOTE: National figure excludes military.





MASSACHUSETTS LABOR FORCE DATA AND NATIONAL UNEMPLOYMENT RATE

REVISED 2/93

1992-1993, BY MONTH, NUMBERS IN 000's

SEASONALLY UNADJUSTED AND ADJUSTED DATA

MONTH	WORKING AGE POPULATION	SEASONALLY UNADJUSTED			SEASONALLY ADJUSTED			X RATE	
		LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS	NAT'L
1992									
JANUARY	4627	3087	2826	261	3135	2878	257	8.2	7.1
FEBRUARY	4627	3116	2851	264	3126	2882	244	7.8	7.3
MARCH	4627	3137	2823	315	3138	2859	279	8.9	7.3
APRIL	4628	3089	2823	266	3106	2843	263	8.5	7.3
MAY	4628	3123	2868	255	3124	2863	261	8.3	7.4
JUNE	4628	3200	2911	289	3142	2869	273	8.7	7.7
JULY	4629	3202	2923	278	3144	2881	263	8.4	7.6
AUGUST	4630	3156	2903	253	3118	2855	262	8.4	7.6
SEPTEMBER	4631	3083	2824	259	3107	2841	266	8.6	7.5
OCTOBER	4632	3077	2842	235	3106	2843	262	8.4	7.4
NOVEMBER	4634	3113	2855	257	3129	2852	277	8.9	7.3
DECEMBER	4635	3135	2887	248	3139	2868	271	8.6	7.3
ANNUAL AVG	4630	3126	2862	265	3126	2862	265	8.5	7.4





MASSACHUSETTS LABOR FORCE DATA AND NATIONAL UNEMPLOYMENT RATE

REVISED 2/93

1990-1991, BY MONTH, NUMBERS IN 000's

SEASONALLY UNADJUSTED AND ADJUSTED DATA

MONTH	WORKING AGE POPULATION	SEASONALLY UNADJUSTED				% RATE				SEASONALLY ADJUSTED				% RATE			
		LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS	NAT'L	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS	NAT'L	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS	NAT'L	
1990																	
JAN	4619	3122	2967	155	5.0	5.9	3164	3017	147	4.7	5.3						
FEB	4619	3174	2991	183	5.8	5.8	3188	3024	164	5.1	5.3						
MAR	4618	3166	2978	188	5.9	5.4	3171	3011	160	5.1	5.2						
APR	4619	3160	2987	173	5.5	5.2	3170	3000	170	5.4	5.4						
MAY	4619	3190	3027	163	5.1	5.1	3194	3023	171	5.4	5.3						
JUNE	4620	3233	3044	189	5.8	5.3	3173	2995	178	5.6	5.2						
JULY	4620	3224	3014	209	6.5	5.5	3163	2970	193	6.1	5.4						
AUG	4620	3238	3031	207	6.4	5.4	3195	2980	215	6.7	5.6						
SEPT	4621	3147	2953	194	6.2	5.5	3171	2970	201	6.3	5.7						
OCT	4620	3116	2930	186	6.0	5.4	3138	2929	209	6.7	5.8						
NOV	4621	3108	2903	205	6.6	5.8	3132	2907	225	7.2	6.0						
DEC	4622	3115	2897	218	7.0	5.9	3131	2892	239	7.6	6.1						
ANNUAL AVG.	4620	3166	2977	189	6.0	5.5	3166	2977	189	6.0	5.5						
1991																	
JAN	4622	3076	2798	278	9.0	7.0	3122	2849	273	8.7	6.2						
FEB	4622	3103	2796	307	9.9	7.2	3113	2826	287	9.2	6.5						
MAR	4622	3136	2814	322	10.3	7.1	3139	2849	290	9.3	6.7						
APR	4622	3111	2852	260	8.3	6.5	3125	2868	257	8.2	6.6						
MAY	4623	3124	2836	288	9.2	6.6	3126	2830	296	9.5	6.8						
JUNE	4623	3167	2867	300	9.5	6.9	3108	2822	286	9.2	6.9						
JULY	4624	3161	2864	297	9.4	6.7	3102	2821	281	9.0	6.8						
AUG	4624	3109	2834	275	8.8	6.5	3069	2785	284	9.3	6.8						
SEPT	4624	3125	2846	279	8.9	6.4	3149	2862	287	9.1	6.8						
OCT	4625	3132	2874	258	8.2	6.4	3159	2875	283	9.0	6.9						
NOV	4626	3132	2882	250	8.0	6.6	3153	2882	270	8.6	6.9						
DEC	4627	3146	2897	249	7.9	6.8	3155	2883	271	8.6	7.1						
ANNUAL AVG.	4624	3127	2847	280	9.0	6.7	3127	2847	280	9.0	6.7						

SOURCE: MA Department of Employment and Training; U.S. Department of Labor - Bureau of Labor Statistics



MASSACHUSETTS LABOR FORCE DATA AND NATIONAL UNEMPLOYMENT RATE

REVISED 2/93

1988-1989, BY MONTH, NUMBERS IN 000's

SEASONALLY UNADJUSTED AND ADJUSTED DATA

MONTH	WORKING AGE POPULATION	SEASONALLY UNADJUSTED				SEASONALLY ADJUSTED					
		LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	% RATE		LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	% RATE	
					MASS	NAT'L				MASS	NAT'L
1988											
JAN	4602	3110	2992	118	3.8	6.3	3145	3034	107	3.4	5.7
FEB	4604	3105	2989	117	3.8	6.2	3132	3031	102	3.2	5.7
MAR	4606	3173	3059	114	3.6	5.9	3186	3093	93	2.9	5.7
APR	4608	3142	3050	92	2.9	5.3	3152	3062	90	2.9	5.4
MAY	4611	3113	3029	84	2.7	5.4	3126	3032	93	3.0	5.6
JUNE	4613	3224	3113	110	3.4	5.5	3163	3057	106	3.4	5.4
JULY	4615	3208	3092	116	3.6	5.5	3142	3041	102	3.2	5.4
AUG	4615	3194	3095	99	3.1	5.4	3142	3038	104	3.3	5.6
SEPT	4616	3138	3043	94	3.0	5.2	3159	3061	99	3.1	5.4
OCT	4616	3156	3066	89	2.8	5.0	3171	3064	107	3.4	5.4
NOV	4616	3152	3041	111	3.5	5.2	3176	3047	129	4.1	5.3
DEC	4616	3139	3045	94	3.0	5.0	3167	3056	111	3.5	5.3
ANNUAL AVG.	4612	3155	3052	103	3.3	5.5	3155	3052	103	3.3	5.5
1989											
JAN	4617	3153	3033	120	3.8	6.0	3191	3080	111	3.5	5.4
FEB	4617	3180	3055	125	3.9	5.6	3199	3092	107	3.4	5.2
MAR	4617	3174	3047	127	4.0	5.2	3183	3079	104	3.3	5.0
APR	4617	3196	3078	118	3.7	5.1	3205	3090	116	3.6	5.2
MAY	4618	3187	3081	106	3.3	5.0	3195	3081	115	3.6	5.2
JUNE	4618	3236	3109	128	3.9	5.5	3176	3056	120	3.8	5.3
JULY	4618	3257	3106	151	4.6	5.3	3194	3059	135	4.2	5.3
AUG	4618	3253	3126	127	3.9	5.1	3205	3072	133	4.2	5.2
SEPT	4618	3121	2987	134	4.3	5.1	3144	3003	141	4.5	5.3
OCT	4619	3121	2993	128	4.1	5.0	3139	2991	148	4.7	5.3
NOV	4619	3140	3013	127	4.0	5.2	3166	3019	147	4.6	5.4
DEC	4619	3139	3008	131	4.2	5.1	3163	3012	150	4.7	5.3
ANNUAL AVG.	4618	3180	3053	127	4.0	5.3	3180	3053	127	4.0	5.3

SOURCE: MA Department of Employment and Training; U.S. Department of Labor - Bureau of Labor Statistics





MASSACHUSETTS LABOR FORCE DATA AND NATIONAL UNEMPLOYMENT RATE

REVISED 9/92

1986-1987, BY MONTH, NUMBERS IN 000's

SEASONALLY UNADJUSTED AND ADJUSTED DATA

MONTH	WORKING AGE POPULATION	SEASONALLY UNADJUSTED				SEASONALLY ADJUSTED					
		LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	% RATE MASS NAT'L	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	% RATE MASS NAT'L		
1986											
JAN	4549	3025	2903	123	4.1	7.3	3059	2953	106	3.5	6.8
FEB	4552	3013	2885	128	4.3	7.8	3056	2941	115	3.8	7.2
MAR	4554	3035	2905	130	4.3	7.5	3060	2948	112	3.7	7.2
APR	4557	3022	2906	116	3.8	7.0	3043	2925	118	3.9	7.1
MAY	4560	3033	2912	121	4.0	7.0	3053	2921	132	4.3	7.2
JUNE	4562	3060	2947	113	3.7	7.3	3006	2893	113	3.8	7.1
JULY	4565	3128	3008	120	3.8	7.0	3066	2953	113	3.7	7.0
AUG	4567	3146	3029	116	3.7	6.7	3085	2964	121	3.9	6.8
SEPT	4569	3061	2929	132	4.3	6.8	3074	2944	130	4.2	7.0
OCT	4571	3047	2944	103	3.4	6.6	3056	2939	117	3.8	6.9
NOV	4573	3062	2950	112	3.6	6.6	3071	2945	126	4.1	6.9
DEC	4575	3067	2971	96	3.1	6.3	3088	2982	106	3.4	6.7
ANNUAL AVG	4563	3058	2941	118	3.8	7.0	3058	2941	118	3.8	7.0
1987											
JAN	4577	3029	2905	124	4.1	7.3	3060	2952	108	3.5	6.6
FEB	4578	3010	2892	118	3.9	7.2	3044	2940	104	3.4	6.6
MAR	4580	3057	2921	136	4.5	6.9	3076	2959	117	3.8	6.6
APR	4582	3056	2937	118	3.9	6.2	3070	2952	118	3.8	6.3
MAY	4584	3062	2959	103	3.4	6.1	3080	2966	114	3.7	6.3
JUNE	4586	3147	3050	97	3.1	6.3	3087	2992	95	3.1	6.2
JULY	4588	3142	3062	80	2.6	6.1	3076	3007	69	2.2	6.1
AUG	4590	3165	3076	89	2.8	5.8	3110	3016	94	3.0	6.0
SEPT	4593	3066	2981	85	2.8	5.7	3082	2995	87	2.8	5.9
OCT	4595	3111	3027	84	2.7	5.7	3124	3023	101	3.2	6.0
NOV	4597	3099	3026	72	2.3	5.6	3117	3029	88	2.8	5.8
DEC	4599	3089	3007	82	2.6	5.4	3117	3021	96	3.1	5.7
ANNUAL AVG	4587	3086	2987	99	3.2	6.2	3086	2987	99	3.2	6.2

SOURCE: MA Department of Employment and Training; U.S. Department of Labor - Bureau of Labor Statistics





MASSACHUSETTS LABOR FORCE DATA AND NATIONAL UNEMPLOYMENT RATE\*

REVISED 2/2/90

1984-1985, BY MONTH, NUMBERS IN 000's

SEASONALLY UNADJUSTED AND ADJUSTED DATA

MONTH	WORKING AGE POPULATION	SEASONALLY UNADJUSTED			X RATE			SEASONALLY ADJUSTED			X RATE	
		LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS	NAT'L		LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS	NAT'L
1984												
JAN	4493	3007	2786	221	7.3	8.8		3037	2838	199	6.6	
FEB	4497	2983	2794	189	6.3	8.4		3032	2857	175	5.8	
MAR	4501	3000	2825	175	5.8	8.1		3029	2871	158	5.2	
APR	4504	3036	2882	153	5.0	7.6		3073	2912	161	5.2	
MAY	4508	3020	2900	120	4.0	7.2		3045	2915	130	4.3	
JUNE	4511	3085	2947	138	4.5	7.4		3045	2914	131	4.3	
JULY	4515	3097	3062	134	4.3	7.5		3041	2911	130	4.3	
AUG	4517	3100	2953	147	4.7	7.3		3047	2892	155	5.1	
SEPT	4518	3049	2911	138	4.5	7.1		3052	2918	134	4.4	
OCT	4520	3054	2950	104	3.4	7.0		3052	2935	117	3.8	
NOV	4521	3076	2971	104	3.4	6.9		3060	2938	122	4.0	
DEC	4523	3056	2936	120	3.9	7.0		3058	2929	129	4.2	
ANN. AVER.	4511	3047	2902	145	4.8	7.5		3047	2902	145	4.8	
1985												
JAN	4524	3006	2869	137	4.6	8.0		3038	2920	118	3.9	
FEB	4526	3025	2892	132	4.4	7.8		3075	2956	119	3.9	
MAR	4527	3021	2880	142	4.7	7.5		3051	2926	125	4.1	
APR	4529	3031	2918	112	3.7	7.1		3058	2942	116	3.8	
MAY	4530	3053	2948	105	3.4	7.0		3077	2960	117	3.8	
JUNE	4532	3119	2997	123	3.9	7.5		3072	2952	120	3.9	
JULY	4533	3105	2972	133	4.3	7.4		3046	2918	128	4.2	
AUG	4536	3096	2982	114	3.7	6.9		3034	2913	121	4.0	
SEPT	4538	3043	2923	120	3.9	6.9		3051	2935	116	3.8	
OCT	4514	3025	2925	100	3.3	6.8		3030	2916	114	3.8	
NOV	4544	3042	2933	109	3.6	6.7		3039	2915	124	4.1	
DEC	4546	3048	2930	118	3.9	6.7		3060	2933	127	4.2	
ANN. AVER.	4534	3051	2931	120	3.9	7.2		3051	2931	120	3.9	

\* National figures exclude military

SOURCE: MA Department of Employment and Training; U.S. Department of Labor - Bureau of Labor Statistics



## MASSACHUSETTS LABOR FORCE DATA AND NATIONAL UNEMPLOYMENT RATE\*

REVISED 2/5/88

1982-1983, BY MONTH, NUMBERS IN 000's

SEASONALLY UNADJUSTED AND ADJUSTED DATA

SEASONALLY UNADJUSTED				SEASONALLY ADJUSTED			
MONTH	WORKING AGE POPULATION	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	% RATE MASS	% RATE NAT'L	
1982							
JAN	4433	2967	2731	236	8.0	9.4	2989
FEB	4434	2934	2689	244	8.3	9.6	2965
MAR	4436	2949	2724	224	7.6	9.5	2969
APR	4438	2920	2687	233	8.0	9.2	2966
MAY	4440	2973	2718	255	8.6	9.1	3003
JUNE	4441	3017	2745	272	9.0	9.8	2992
JULY	4443	3073	2777	296	9.6	9.8	3028
AUG	4445	3088	2853	236	7.6	9.6	3041
SEPT	4448	3028	2805	223	7.4	9.7	3038
OCT	4450	3005	2788	217	7.2	9.9	2989
NOV	4453	3003	2809	194	6.5	10.4	2980
DEC	4455	2965	2754	211	7.1	10.5	2955
ANNUAL AVER.	4443	2993	2757	237	7.9	9.7	2993
1983							
JAN	4457	2950	2694	256	8.7	11.4	2976
FEB	4460	2880	2644	236	8.2	11.3	2925
MAR	4462	2930	2696	235	8.0	10.8	2958
APR	4465	2920	2724	196	6.7	10.0	2962
MAY	4467	2926	2735	191	6.5	9.8	2952
JUNE	4470	2998	2774	224	7.5	10.2	2972
JULY	4472	3019	2830	188	6.2	9.4	2970
AUG	4476	3038	2856	182	6.0	9.2	2986
SEPT	4479	2996	2785	211	7.0	8.8	3002
OCT	4483	3007	2814	194	6.4	8.4	2995
NOV	4486	3038	2869	169	5.6	8.1	3015
DEC	4490	3026	2851	175	5.8	8.0	3018
ANNUAL AVER.	4472	2977	2772	205	6.9	9.6	2977
1983							
JAN	4457	2950	2694	256	8.7	11.4	2976
FEB	4460	2880	2644	236	8.2	11.3	2925
MAR	4462	2930	2696	235	8.0	10.8	2958
APR	4465	2920	2724	196	6.7	10.0	2962
MAY	4467	2926	2735	191	6.5	9.8	2952
JUNE	4470	2998	2774	224	7.5	10.2	2972
JULY	4472	3019	2830	188	6.2	9.4	2970
AUG	4476	3038	2856	182	6.0	9.2	2986
SEPT	4479	2996	2785	211	7.0	8.8	3002
OCT	4483	3007	2814	194	6.4	8.4	2995
NOV	4486	3038	2869	169	5.6	8.1	3015
DEC	4490	3026	2851	175	5.8	8.0	3018
ANNUAL AVER.	4472	2977	2772	205	6.9	9.6	2977
1983							
JAN	4457	2950	2694	256	8.7	11.4	2976
FEB	4460	2880	2644	236	8.2	11.3	2925
MAR	4462	2930	2696	235	8.0	10.8	2958
APR	4465	2920	2724	196	6.7	10.0	2962
MAY	4467	2926	2735	191	6.5	9.8	2952
JUNE	4470	2998	2774	224	7.5	10.2	2972
JULY	4472	3019	2830	188	6.2	9.4	2970
AUG	4476	3038	2856	182	6.0	9.2	2986
SEPT	4479	2996	2785	211	7.0	8.8	3002
OCT	4483	3007	2814	194	6.4	8.4	2995
NOV	4486	3038	2869	169	5.6	8.1	3015
DEC	4490	3026	2851	175	5.8	8.0	3018
ANNUAL AVER.	4472	2977	2772	205	6.9	9.6	2977
1983							
JAN	4457	2950	2694	256	8.7	11.4	2976
FEB	4460	2880	2644	236	8.2	11.3	2925
MAR	4462	2930	2696	235	8.0	10.8	2958
APR	4465	2920	2724	196	6.7	10.0	2962
MAY	4467	2926	2735	191	6.5	9.8	2952
JUNE	4470	2998	2774	224	7.5	10.2	2972
JULY	4472	3019	2830	188	6.2	9.4	2970
AUG	4476	3038	2856	182	6.0	9.2	2986
SEPT	4479	2996	2785	211	7.0	8.8	3002
OCT	4483	3007	2814	194	6.4	8.4	2995
NOV	4486	3038	2869	169	5.6	8.1	3015
DEC	4490	3026	2851	175	5.8	8.0	3018
ANNUAL AVER.	4472	2977	2772	205	6.9	9.6	2977
1983							
JAN	4457	2950	2694	256	8.7	11.4	2976
FEB	4460	2880	2644	236	8.2	11.3	2925
MAR	4462	2930	2696	235	8.0	10.8	2958
APR	4465	2920	2724	196	6.7	10.0	2962
MAY	4467	2926	2735	191	6.5	9.8	2952
JUNE	4470	2998	2774	224	7.5	10.2	2972
JULY	4472	3019	2830	188	6.2	9.4	2970
AUG	4476	3038	2856	182	6.0	9.2	2986
SEPT	4479	2996	2785	211	7.0	8.8	3002
OCT	4483	3007	2814	194	6.4	8.4	2995
NOV	4486	3038	2869	169	5.6	8.1	3015
DEC	4490	3026	2851	175	5.8	8.0	3018
ANNUAL AVER.	4472	2977	2772	205	6.9	9.6	2977
1983							
JAN	4457	2950	2694	256	8.7	11.4	2976
FEB	4460	2880	2644	236	8.2	11.3	2925
MAR	4462	2930	2696	235	8.0	10.8	2958
APR	4465	2920	2724	196	6.7	10.0	2962
MAY	4467	2926	2735	191	6.5	9.8	2952
JUNE	4470	2998	2774	224	7.5	10.2	2972
JULY	4472	3019	2830	188	6.2	9.4	2970
AUG	4476	3038	2856	182	6.0	9.2	2986
SEPT	4479	2996	2785	211	7.0	8.8	3002
OCT	4483	3007	2814	194	6.4	8.4	2995
NOV	4486	3038	2869	169	5.6	8.1	3015
DEC	4490	3026	2851	175	5.8	8.0	3018
ANNUAL AVER.	4472	2977	2772	205	6.9	9.6	2977
1983							
JAN	4457	2950	2694	256	8.7	11.4	2976
FEB	4460	2880	2644	236	8.2	11.3	2925
MAR	4462	2930	2696	235	8.0	10.8	2958
APR	4465	2920	2724	196	6.7	10.0	2962
MAY	4467	2926	2735	191	6.5	9.8	2952
JUNE	4470	2998	2774	224	7.5	10.2	2972
JULY	4472	3019	2830	188	6.2	9.4	2970
AUG	4476	3038	2856	182	6.0	9.2	2986
SEPT	4479	2996	2785	211	7.0	8.8	3002
OCT	4483	3007	2814	194	6.4	8.4	2995
NOV	4486	3038	2869	169	5.6	8.1	3015
DEC	4490	3026	2851	175	5.8	8.0	3018
ANNUAL AVER.	4472	2977	2772	205	6.9	9.6	2977
1983							
JAN	4457	2950	2694	256	8.7	11.4	2976
FEB	4460	2880	2644	236	8.2	11.3	2925
MAR	4462	2930	2696	235	8.0	10.8	2958
APR	4465	2920	2724	196	6.7	10.0	2962
MAY	4467	2926	2735	191	6.5	9.8	2952
JUNE	4470	2998	2774	224	7.5	10.2	2972
JULY	4472	3019	2830	188	6.2	9.4	2970
AUG	4476	3038	2856	182	6.0	9.2	2986
SEPT	4479	2996	2785	211	7.0	8.8	3002
OCT	4483	3007	2814	194	6.4	8.4	2995
NOV	4486	3038	2869	169	5.6	8.1	3015
DEC	4490	3026	2851	175	5.8	8.0	3018
ANNUAL AVER.	4472	2977	2772	205	6.9	9.6	2977
1983							
JAN	4457	2950	2694	256	8.7	11.4	2976
FEB	4460	2880	2644	236	8.2	11.3	2925
MAR	4462	2930	2696	235	8.0	10.8	2958
APR	4465	2920	2724	196	6.7	10.0	2962
MAY	4467	2926	2735	191	6.5	9.8	2952
JUNE	4470	2998	2774	224	7.5	10.2	2972
JULY	4472	3019	2830	188	6.2	9.4	2970
AUG	4476	3038	2856	182	6.0	9.2	2986
SEPT	4479	2996	2785	211	7.0	8.8	3002
OCT	4483	3007	2814	194	6.4	8.4	2995
NOV	4486	3038	2869	169	5.6	8.1	3015
DEC	4490	3026	2851	175	5.8	8.0	3018
ANNUAL AVER.	4472	2977	2772	205	6.9	9.6	2977
1983							
JAN	4457	2950	2694	256	8.7	11.4	2976
FEB	4460	2880	2644	236	8.2	11.3	2925
MAR	4462	2930	2696	235	8.0	10.8	2958
APR	4465	2920	2724	196	6.7	10.0	2962
MAY	4467	2926	2735	191	6.5	9.8	2952
JUNE	4470	2998	2774	224	7.5	10.2	2972
JULY	4472	3019	2830	188	6.2	9.4	2970
AUG	4476	3038	2856	182	6.0	9.2	2986
SEPT	4479	2996	2785	211	7.0	8.8	3002
OCT	4483	3007	2814	194	6.4	8.4	2995
NOV	4486	3038	2869	169	5.6	8.1	3015
DEC	4490	3026	2851	175	5.8	8.0	3018
ANNUAL AVER.	4472	2977	2772	205	6.9	9.6	2977
1983							
JAN	4457	2950	2694	256	8.7	11.4	2976
FEB	4460	2880	2644	236	8.2	11.3	2925
MAR	4462	2930	2696	235	8.0	10.8	2958
APR	4465	2920	2724	196	6.7	10.0	2962
MAY	4467	2926	2735	191	6.5	9.8	2952
JUNE	4470	2998	2774	224	7.5	10.2	2972
JULY	4472	3019	2830	188	6.2	9.4	2970
AUG	4476	3038	2856	182	6.0	9.2	2986





SEASONALLY UNADJUSTED AND ADJUSTED DATA											
SEASONALLY UNADJUSTED						SEASONALLY ADJUSTED					
MONTH	WORKING AGE POPULATION	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS RATE %	NAT'L RATE %	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS RATE %	NAT'L RATE %
1980					1980						
JAN	4357	2805	2625	180	6.4	6.9	2817	2666	151	5.4	6.3
FEB	4359	2799	2638	161	5.8	6.8	2829	2685	144	5.1	6.3
MAR	4362	2814	2665	149	5.3	6.6	2828	2688	140	5.0	6.3
APRIL	4364	2810	2669	140	5.0	6.7	2855	2699	156	5.5	6.9
MAY	4368	2843	2676	168	5.9	7.1	2878	2703	175	6.1	7.5
JUNE	4372	2874	2681	192	6.7	7.8	2836	2657	179	6.3	7.6
JULY	4376	2903	2727	176	6.1	7.9	2852	2682	170	6.0	7.8
AUG	4379	2909	2735	174	6.0	7.6	2859	2691	168	5.9	7.7
SEPT	4383	2881	2710	170	5.9	7.2	2900	2726	174	6.0	7.5
OCT	4387	2933	2768	165	5.6	7.1	2925	2745	180	6.2	7.5
NOV	4391	2918	2785	132	4.5	7.1	2903	2748	155	5.3	7.5
DEC	4395	2921	2795	126	4.3	6.9	2909	2770	139	4.8	7.2
ANN. AVER.	4374	2867	2706	162	5.6	7.1	2867	2706	162	5.6	7.1
1981					1981						
JAN	4399	2884	2700	183	6.4	8.2	2900	2744	156	5.4	7.5
FEB	4403	2919	2736	183	6.3	8.0	2955	2788	167	5.7	7.4
MAR	4407	2908	2731	177	6.1	7.7	2925	2758	167	5.7	7.4
APRIL	4410	2843	2698	145	5.1	7.0	2889	2729	160	5.5	7.2
MAY	4414	2871	2706	166	5.8	7.1	2904	2732	172	5.9	7.5
JUNE	4418	2949	2764	185	6.3	7.7	2919	2748	171	5.9	7.5
JULY	4422	2991	2794	197	6.6	7.3	2943	2752	191	6.5	7.2
AUG	4424	3014	2797	216	7.2	7.2	2963	2748	215	7.3	7.4
SEPT	4426	2925	2730	194	6.6	7.3	2939	2743	196	6.7	7.6
OCT	4427	3015	2811	203	6.7	7.5	2999	2784	215	7.2	7.9
NOV	4429	3030	2840	190	6.3	7.9	3011	2795	216	7.2	8.3
DEC	4431	3018	2811	207	6.9	8.3	3007	2787	220	7.3	8.5
ANN. AVER.	4418	2947	2760	187	6.4	7.6	2947	2760	187	6.4	7.6

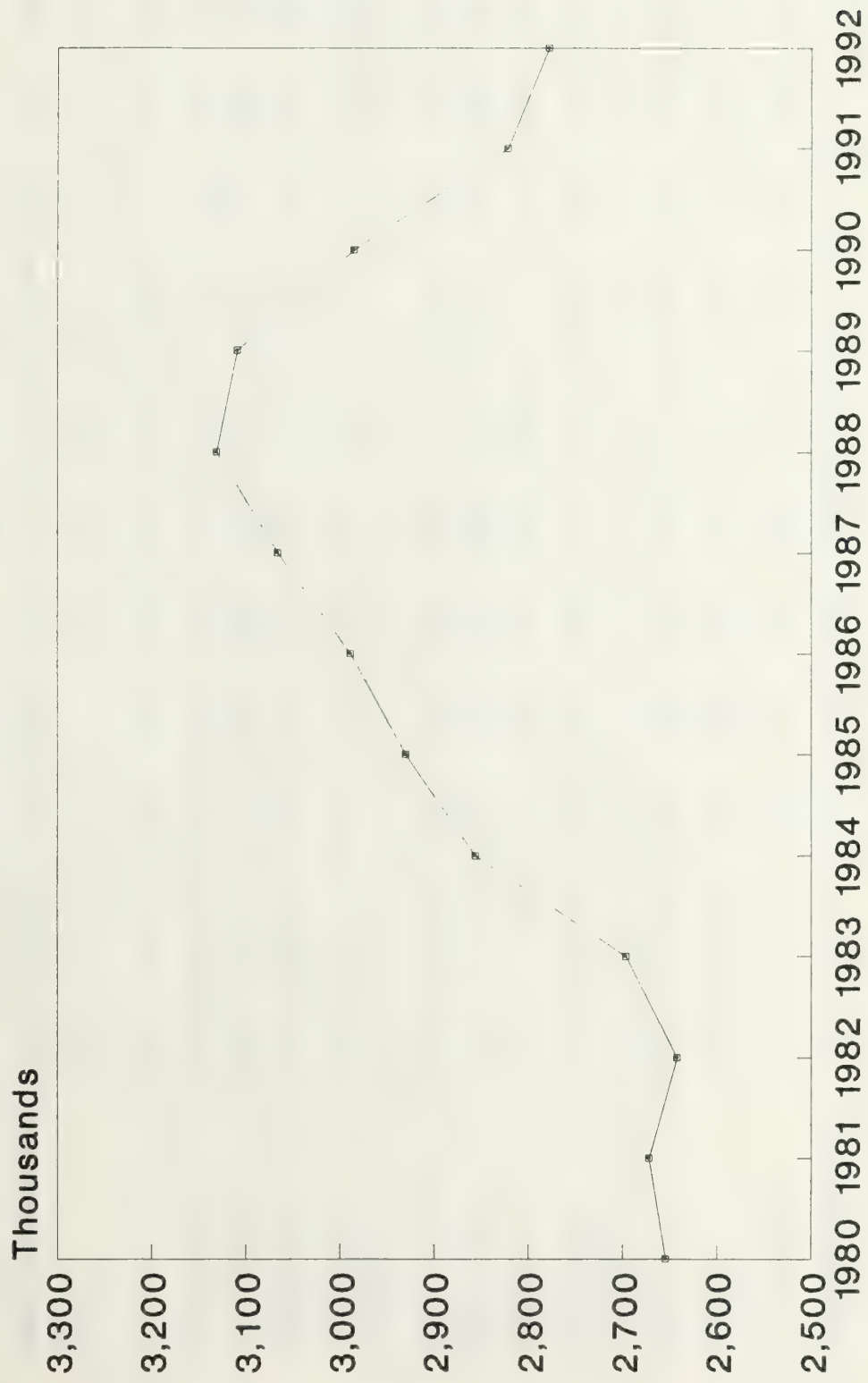


**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT**  
**MASSACHUSETTS AND UNITED STATES**  
**ANNUAL AVERAGES**





# NONAGRICULTURAL EMPLOYMENT MASSACHUSETTS 1980-1992





**MASSACHUSETTS**  
**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT**  
**ANNUAL AVERAGES 1980-1992**

(In Thousands)

<u>Industry</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>
Nonagricultural Employment	2,654.3	2,671.8	2,642.0	2,696.5	2,855.8	2,930.0	2,988.8	3,065.8	3,130.8	3,108.6	2,984.8	2,821.2	2,778.3
Mining 1	—	—	1.1	1.0	1.2	1.5	1.6	1.6	1.7	1.6	1.4	1.2	1.1
Construction	77.4	79.6	78.4	82.6	96.4	109.4	123.2	137.7	142.1	126.8	101.1	78.8	72.1
Manufacturing	673.3	668.0	636.5	629.0	667.6	649.7	614.4	599.1	584.7	561.1	521.3	485.0	462.1
Durable Goods	435.7	435.2	414.4	409.2	443.5	436.0	409.1	398.0	388.1	372.1	342.7	317.0	296.1
Nondurable Goods	237.6	232.9	222.1	219.7	224.1	213.6	205.3	201.1	196.5	189.0	178.6	168.0	166.0
Transportation and Public Utilities	121.6	120.1	120.0	118.2	123.3	125.4	125.9	131.0	133.6	128.3	129.9	123.4	120.3
Wholesale & Retail Trade	576.6	581.3	579.2	612.7	659.0	684.1	709.7	723.4	739.4	740.5	700.1	650.6	641.3
Wholesale Trade	—	—	133.3	140.8	151.9	154.7	162.8	170.9	178.9	179.6	170.2	158.7	156.2
Retail Trade	—	—	445.9	471.9	507.3	529.4	546.9	552.5	560.5	560.9	529.8	492.0	485.1
Finance, Insurance and Real Estate	159.0	164.8	168.7	171.8	179.0	188.1	202.6	217.9	221.5	217.3	213.3	201.8	195.9
Services 1	634.0	663.5	683.5	705.8	754.0	786.5	818.4	853.9	896.6	924.1	915.7	890.5	907.3
Government	412.3	394.6	374.7	375.4	375.4	385.3	393.0	401.2	411.3	408.8	402.2	389.9	378.3
High Technology Mfg.	—	238.4	238.2	240.2	261.3	258.5	245.0	239.9	238.6	229.9	213.2	198.9	183.6
High Technology Nonmfg.	—	—	—	—	70.2	75.9	82.0	85.2	94.1	95.6	93.6	90.3	91.3

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

NOTE: Numbers may not add to totals due to rounding.

1. Services and mining were combined prior to 1982.

Revised 7/93





**MASSACHUSETTS**  
**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT**  
**PERCENT DISTRIBUTION 1980-1992**

<u>Industry</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>
Nonagricultural Employment	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Mining 1	—	—	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%
Construction	2.9%	3.0%	3.0%	3.1%	3.4%	3.7%	4.1%	4.5%	4.5%	4.1%	3.4%	2.8%	2.6%
Manufacturing	25.4%	25.0%	24.1%	23.3%	23.4%	22.2%	20.6%	19.5%	18.7%	18.0%	17.5%	17.2%	16.6%
Durable Goods	16.4%	16.3%	15.7%	15.2%	15.5%	14.9%	13.7%	13.0%	12.4%	12.0%	11.5%	11.2%	10.7%
Nondurable Goods	9.0%	8.7%	8.4%	8.1%	7.8%	7.3%	6.9%	6.6%	6.3%	6.1%	6.0%	6.0%	6.0%
Transportation and Public Utilities	4.6%	4.5%	4.5%	4.4%	4.3%	4.3%	4.2%	4.3%	4.3%	4.1%	4.4%	4.4%	4.3%
Wholesale & Retail Trade	21.7%	21.8%	21.9%	22.7%	23.1%	23.3%	23.7%	23.6%	23.6%	23.8%	23.5%	23.1%	23.1%
Wholesale Trade	—	—	5.0%	5.2%	5.3%	5.3%	5.4%	5.6%	5.7%	5.8%	5.7%	5.6%	5.6%
Retail Trade	—	—	16.9%	17.5%	17.8%	18.1%	18.3%	18.0%	17.9%	18.0%	17.7%	17.4%	17.5%
Finance, Insurance and Real Estate	6.0%	6.2%	6.4%	6.4%	6.3%	6.4%	6.8%	7.1%	7.1%	7.0%	7.1%	7.2%	7.1%
Services 1	23.9%	24.8%	25.9%	26.2%	26.4%	26.8%	27.4%	27.9%	28.6%	29.7%	30.7%	31.6%	32.7%
Government	15.5%	14.8%	14.2%	13.9%	13.1%	13.2%	13.1%	13.1%	13.1%	13.2%	13.5%	13.8%	13.6%

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

NOTE: Numbers may not add to totals due to rounding.

1. Services and mining were combined prior to 1982.

Revised 7/93



**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT**  
**MASSACHUSETTS**  
**ANNUAL AVERAGES 1980-1989**  
(In Thousands)

Industry	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
<b>Nonagricultural Employment</b>	<b>2,654.3</b>	<b>2,671.8</b>	<b>2,642.0</b>	<b>2,696.5</b>	<b>2,855.8</b>	<b>2,930.0</b>	<b>2,988.8</b>	<b>3,065.8</b>	<b>3,130.8</b>	<b>3,108.6</b>
Total Private Employment	-	-	-	-	-	-	-	-	2,719.5	2,699.8
Goods Producing	-	-	-	-	-	-	-	-	728.4	689.5
Mining 1	-	-	1.1	1.0	1.2	1.5	1.6	1.6	1.7	1.6
<b>Construction</b>	<b>77.4</b>	<b>79.6</b>	<b>78.4</b>	<b>82.6</b>	<b>96.4</b>	<b>109.4</b>	<b>123.2</b>	<b>137.7</b>	<b>142.1</b>	<b>126.8</b>
General Building Contractors	-	-	-	-	-	-	-	-	43.8	35.8
Heavy Construction, ex. Bldg.	-	-	-	-	-	-	-	-	10.4	9.7
Special Trade Contractors	-	-	-	-	-	-	-	-	87.9	81.3
<b>Manufacturing</b>	<b>673.3</b>	<b>668.0</b>	<b>636.5</b>	<b>629.0</b>	<b>667.6</b>	<b>649.7</b>	<b>614.4</b>	<b>599.1</b>	<b>584.7</b>	<b>561.1</b>
Durable Goods	435.7	435.2	414.4	409.2	443.5	436.0	409.1	398.0	388.1	372.1
Lumber & Furniture	13.3	13.0	11.7	11.9	13.1	13.3	13.5	13.6	12.9	11.2
Stone, Clay & Glass	13.1	12.8	11.8	11.3	11.8	11.5	10.8	10.7	10.7	10.0
Primary Metals*	17.5	17.2	15.4	15.0	16.5	15.8	15.8	15.6	12.9	12.3
Fabricated Metals*	53.4	51.5	47.8	46.1	48.3	45.3	42.8	41.7	45.0	43.2
Cutlery, Hand Tools & Hardware	12.5	11.9	10.2	9.4	10.1	9.6	9.6	9.1	8.8	8.3
Machinery, Ex. Electrical	117.8	118.6	113.7	111.9	123.0	119.0	107.4	102.3	-	-
Industrial Machinery & Equip.	-	-	-	-	-	-	-	-	100.0	95.8
Metalworking Machinery	17.7	17.2	15.3	13.8	14.5	14.7	13.7	13.0	12.9	11.8
Special Industry Machinery	16.9	16.3	14.7	13.2	14.7	14.5	12.4	11.7	10.9	10.2
Computer & Office Equip.	-	57.5	58.6	62.0	69.3	65.2	58.3	55.0	54.0	52.0
Electronic & Electric Equip.*	98.2	99.2	98.0	97.9	109.7	111.3	107.4	105.2	82.6	79.3
Communications Equipment*	32.8	34.7	33.4	33.6	39.5	43.7	42.9	39.7	19.2	19.2
Electronic Components*	36.5	37.6	39.1	39.4	44.5	43.0	40.9	40.5	38.1	36.6
Transportation Equipment	37.3	35.5	33.4	35.0	40.3	41.6	37.1	35.4	32.4	30.6
Instruments*	58.5	61.7	59.3	57.7	59.1	58.0	55.1	54.5	72.4	71.2
Measuring & Controlling Devices*	20.2	23.2	22.7	21.9	23.4	23.0	20.8	20.0	28.2	28.2
Misc. Manufacturing	26.6	25.6	23.4	22.4	21.8	20.2	19.2	19.1	19.2	18.3
Jewelry	8.9	8.9	9.1	9.3	8.9	8.2	7.4	7.3	7.3	7.2
Nondurable Goods	237.6	232.9	222.1	219.7	224.1	213.6	205.3	201.1	196.5	189.0
Food & Kindred Products	27.4	25.4	24.5	24.1	24.0	23.1	22.7	21.4	21.0	20.5
Textile Mill Products	25.6	24.3	20.2	20.2	20.2	18.8	17.7	17.1	16.3	15.5
Apparel	39.8	39.6	37.5	35.9	36.0	31.7	27.8	25.4	23.7	22.0
Men's & Boys' Suits, Coats	9.0	8.8	8.8	8.3	8.8	7.8	7.1	6.7	-	-
Paper & Allied Products	28.2	27.2	26.3	26.0	26.9	25.9	24.8	24.7	24.3	23.4
Printing & Publishing	44.8	45.8	46.7	48.1	51.7	53.3	54.2	55.6	55.8	55.0
Chemicals	18.4	18.4	17.2	16.8	17.8	17.6	17.2	18.0	18.6	18.4
Rubber & Misc. Plastics	30.6	29.5	29.8	30.5	31.0	29.3	29.4	28.7	26.9	25.3
Misc. Plastic Products	21.7	21.6	22.3	22.9	22.7	21.9	22.2	22.0	20.3	18.9
Leather & Leather Products	21.4	20.9	18.3	16.7	15.1	12.6	10.0	8.8	8.4	7.5
Footwear, Ex. Rubber	12.5	11.9	10.4	9.0	7.8	6.6	5.3	4.3	-	-
Other Nondurable Goods	1.5	1.9	1.7	1.5	1.5	1.5	1.4	1.5	-	-





**NATURAL WAGE AND SALARY E**  
**MASSACHUSETTS**  
**ANNUAL AVERAGES 1980-1989**  
**(In Thousands)**

[illegible]



**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT**  
**MASSACHUSETTS**  
**ANNUAL AVERAGES 1980-1989**  
(In Thousands)

Industry	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
<b>Government</b>	<b>412.3</b>	<b>394.6</b>	<b>374.7</b>	<b>375.4</b>	<b>375.4</b>	<b>385.3</b>	<b>393.0</b>	<b>401.2</b>	<b>411.3</b>	<b>408.8</b>
Federal	58.3	57.4	55.6	55.7	56.9	58.8	59.9	61.5	63.3	62.4
U.S. Postal Service	-	20.7	20.7	21.1	21.8	23.1	24.7	26.2	27.5	27.6
State	99.8	100.8	97.7	99.7	97.0	99.6	101.7	103.5	107.0	106.0
State Hospitals	-	-	-	-	-	-	-	-	15.4	15.9
State Education	-	28.9	31.2	31.7	28.3	28.6	29.2	28.0	27.1	26.1
Local	254.2	236.4	221.4	219.9	221.4	226.9	231.3	236.2	241.0	240.4
Local Education	-	134.7	118.4	120.6	121.3	126.1	128.5	132.1	134.8	134.7
High Technology Manufacturing*	-	238.4	238.2	240.2	261.3	258.5	245.0	239.9	238.6	229.9
High Technology Nonmanufacturin	-	-	-	-	70.2	75.9	82.0	85.2	94.1	95.6

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Survey (CES-790).

Note: Numbers may not add to totals due to rounding.

1. Services and Mining were combined before 1982.

\* Break in series: 1988 and subsequent data not comparable to previous years for these industries.

Revised 7/93





**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT**  
**MASSACHUSETTS**  
**ANNUAL AVERAGES 1990-1992**  
(In Thousands)

Industry	1990	1991	1992
<b>Nonagricultural Employment</b>	<b>2,984.8</b>	<b>2,821.2</b>	<b>2,778.3</b>
Total Private Employment	2,582.7	2,431.2	2,400.0
Goods Producing	623.8	565.0	535.3
<b>Mining</b>	<b>1.4</b>	<b>1.2</b>	<b>1.1</b>
<b>Construction</b>	<b>101.1</b>	<b>78.8</b>	<b>72.1</b>
General Building Contractors	27.9	20.0	16.5
Heavy Construction, ex. Bldg.	8.6	7.6	7.9
Special Trade Contractors	64.6	51.2	47.7
<b>Manufacturing</b>	<b>521.3</b>	<b>485.0</b>	<b>462.1</b>
<b>Durable Goods</b>	<b>342.7</b>	<b>317.0</b>	<b>296.1</b>
Lumber & Furniture	9.1	7.9	7.8
Stone, Clay & Glass	8.7	7.8	7.8
Primary Metals*	11.3	10.3	9.3
Fabricated Metals*	40.9	37.9	36.0
Cutlery, Hand Tools	8.4	8.0	7.9
& Hardware			
Industrial Machinery & Equip.	85.2	76.6	70.1
Metalworking Machinery	10.5	9.3	8.3
Special Industry Machinery	9.7	9.1	9.0
Computer & Office Equip.	44.9	40.0	35.6
Electronic & Electric Equip.*	72.9	68.5	63.7
Communications Equipment*	18.7	18.5	17.7
Electronic Components*	33.1	30.7	27.5
Transportation Equipment	27.8	26.0	24.2
Instruments*	69.4	65.6	61.2
Measuring & Controlling	27.0	24.9	22.9
Devices*			
Misc. Manufacturing	17.4	16.2	16.1
Jewelry	6.5	5.4	5.3
<b>Nondurable Goods</b>	<b>178.6</b>	<b>168.0</b>	<b>166.0</b>
Food & Kindred Products	20.1	19.6	18.9
Textile Mill Products	14.6	14.1	14.5
Apparel	19.2	17.7	17.8
Paper & Allied Products	22.5	21.1	20.9
Printing & Publishing	52.2	48.9	47.5
Chemicals	17.7	17.3	17.0
Rubber & Misc. Plastics	23.8	22.1	22.3
Misc. Plastic Products	18.0	16.6	16.7
Leather & Leather Products	7.1	6.0	5.7



**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT**  
**MASSACHUSETTS**  
**ANNUAL AVERAGES 1990-1992**  
(In Thousands)

Industry	1990	1991	1992
Service Producing	2,361.1	2,256.2	2,243.0
Private Service Producing	1,958.9	1,866.3	1,864.7
Transportation & Pub. Utilities	129.9	123.4	120.3
Transportation	73.7	68.9	67.4
Communications & Utilities	56.1	54.5	52.9
Communications	32.0	30.9	29.4
Elec., Gas & Sanitary Serv.	24.1	23.6	23.5
Wholesale & Retail Trade	700.1	650.6	641.3
Wholesale Trade	170.2	158.7	156.2
Durable Goods	101.2	93.3	90.8
Nondurable Goods	69.0	65.4	65.4
Retail Trade	529.8	492.0	485.1
Build. Materials &	19.4	17.2	16.6
Garden Supplies			
Gen. Merchandise Stores	52.8	46.8	46.0
Food Stores	98.1	93.6	89.9
Auto Dealers & Service Sta.	44.6	38.9	38.7
Apparel & Accessories	43.4	39.2	38.2
Furniture & Equip. Stores	22.3	20.3	19.4
Eating & Drinking Places	169.7	161.1	163.1
Miscellaneous Retail	79.4	74.8	73.4
Finance, Insurance & Real Estate	213.3	201.8	195.9
Finance	105.5	98.5	96.9
Depository Institutions*	71.3	64.4	61.3
Commercial Banks	42.3	37.5	35.3
Savings Institutions	22.1	20.1	19.3
Insurance	77.4	75.7	72.8
Insurance Carriers	54.4	53.8	52.5
Services	915.7	890.5	907.3
Business Services	149.9	138.9	140.9
Health Services	270.9	277.0	287.4
Hospitals	128.6	130.3	133.7
Educational Services	124.5	124.3	123.4
Social Services	65.7	64.1	66.2
Engineering & Mgt. Services	98.4	93.2	96.3





# NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

## MASSACHUSETTS

### ANNUAL AVERAGES 1990-1992

(In Thousands)

Industry	1990	1991	1992
<b>Government</b>	<b>402.2</b>	<b>389.9</b>	<b>378.3</b>
<b>Federal</b>	<b>63.6</b>	<b>60.9</b>	<b>59.4</b>
U.S. Postal Service	27.0	26.6	25.2
<b>State</b>	<b>103.1</b>	<b>100.2</b>	<b>95.0</b>
State Hospitals	15.5	14.2	12.6
State Education	25.1	26.0	24.4
<b>Local</b>	<b>235.5</b>	<b>228.8</b>	<b>223.9</b>
Local Education	131.5	128.6	125.8
High Technology Manufacturing*	213.2	198.9	183.6
High Technology Nonmanufacturing	93.6	90.3	91.3

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Survey (CES-790).

Note: Numbers may not add to totals due to rounding.

\* Break in series: 1988 and subsequent data not comparable to previous years for these industries.

Revised 7/93



**NONAGRICULTURAL AND MANUFACTURING EMPLOYMENT**  
**MASSACHUSETTS AND MAJOR LABOR AREAS**  
**ANNUAL AVERAGES 1990, 1991, AND 1992**  
(In Thousands)

	<u>1990</u>	<u>1991</u>	<u>1992</u>
Massachusetts - Total	2,984.8	2,821.2	2,778.3
Manufacturing	521.3	485.0	462.1
 Boston PMSA - Total	 1,672.1	 1,578.2	 1,551.3
Manufacturing	240.0	220.7	207.7
 Springfield MSA - Total	 233.2	 220.1	 215.5
Manufacturing	45.9	43.4	42.5
 Worcester MSA - Total	 198.2	 186.1	 184.0
Manufacturing	40.2	37.3	36.0
 Lawrence-Haverhill PMSA - Total	 154.4	 148.1	 149.7
Manufacturing	44.2	42.3	41.3
 Salem-Gloucester PMSA - Total	 114.3	 107.4	 105.7
Manufacturing	20.4	19.2	18.2
 Lowell PMSA - Total	 101.0	 96.0	 92.8
Manufacturing	31.7	30.2	28.3
 Brockton PMSA - Total	 70.0	 64.6	 63.4
Manufacturing	9.4	8.6	8.3
 New Bedford MSA - Total	 64.1	 60.1	 59.5
Manufacturing	16.2	15.2	14.8
 Fall River PMSA - Total	 52.5	 49.2	 48.8
Manufacturing	13.7	12.9	13.3
 Pittsfield MSA - Total	 42.1	 38.9	 37.9
Manufacturing	9.4	8.1	7.6
 Fitchburg-Leominster MSA - Total	 38.9	 36.7	 36.5
Manufacturing	11.3	10.6	10.4

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).



**UNITED STATES**  
**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT**  
**ANNUAL AVERAGES 1980-1992**

(In Thousands)

<u>Industry</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>
Nonagricultural Employment	90,406	91,152	89,544	90,152	94,408	97,387	99,344	101,958	105,210	107,895	109,419	108,256	108,519
Mining	1,027	1,139	1,128	952	966	927	777	717	713	692	709	689	631
Construction	4,346	4,188	3,904	3,946	4,380	4,668	4,810	4,958	5,098	5,171	5,120	4,650	4,471
Manufacturing	20,285	20,170	18,780	18,432	19,372	19,248	18,947	18,999	19,314	19,391	19,076	18,406	18,040
Durable Goods	12,159	12,082	11,014	10,707	11,476	11,458	11,195	11,154	11,363	11,394	11,109	10,569	10,237
Nondurable Goods	8,127	8,089	7,766	7,725	7,896	7,790	7,752	7,845	7,951	7,997	7,968	7,837	7,804
Transportation and Public Utilities	5,146	5,165	5,081	4,952	5,156	5,233	5,247	5,362	5,514	5,625	5,793	5,762	5,709
Wholesale Trade	5,292	5,375	5,295	5,283	5,568	5,727	5,761	5,848	6,030	6,187	6,173	6,081	6,045
Retail Trade	15,018	15,171	15,158	15,587	16,512	17,315	17,880	18,422	19,023	19,475	19,601	19,284	19,346
Finance, Insurance and Real Estate	5,160	5,298	5,340	5,466	5,684	5,948	6,273	6,533	6,630	6,668	6,709	6,646	6,571
Services	17,890	18,615	19,021	19,664	20,746	21,927	22,957	24,110	25,504	26,907	27,934	28,336	29,053
Government	16,241	16,031	15,837	15,869	16,024	16,394	16,693	17,010	17,386	17,779	18,304	18,402	18,653

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics.

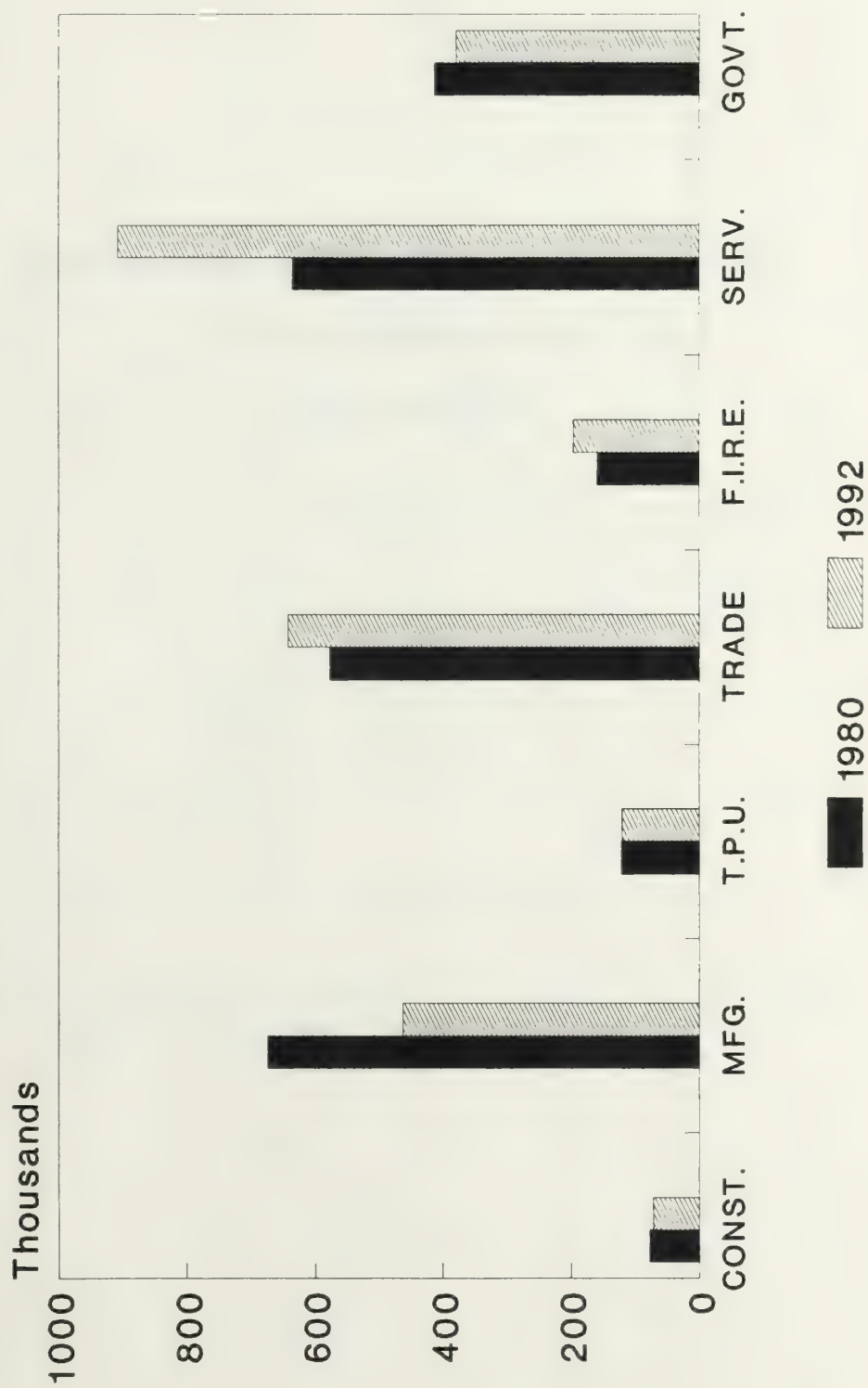
NOTE: Numbers may not add to totals due to rounding.

Revised 7/93





# EMPLOYMENT BY INDUSTRY DIVISION MASSACHUSETTS 1980 & 1992





**DETAILED NONAGRICULTURAL WAGE AND SALARY**

**EMPLOYMENT TABLES**

**MASSACHUSETTS**





**MASSACHUSETTS  
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT  
FOR CALENDAR YEAR 1992**

REVISED TO 1ST QTR 1992 BENCHMARK

**I N D U S T R Y**

**SERIES  
CODE**

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AUG.
NONAGRICULTURAL EMPLOYMENT	2,737.6	2,742.6	2,755.3	2,771.1	2,797.6	2,819.6	2,771.7	2,766.7	2,779.6	2,799.0	2,802.8	2,795.9	2,778.3
TOTAL PRIVATE	2,354.5	2,354.6	2,365.4	2,384.8	2,408.9	2,433.7	2,409.8	2,410.2	2,413.2	2,424.4	2,423.6	2,417.2	2,400.0
GOODS PRODUCING	534.1	529.8	530.5	533.5	538.1	542.0	531.5	537.1	540.5	539.0	537.5	530.8	535.3
SERVICE PRODUCING	2,203.7	2,212.8	2,225.1	2,237.6	2,259.5	2,277.6	2,240.2	2,229.6	2,239.1	2,260.0	2,265.3	2,265.1	2,243.0
PRIVATE SERVICE PRODUCING	1,620.4	1,624.8	1,635.2	1,651.3	1,670.8	1,691.7	1,678.3	1,673.1	1,672.7	1,685.4	1,686.1	1,686.4	1,664.7
MINING	1.0	0.9	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
CONSTRUCTION	63.9	61.7	62.6	67.2	72.0	76.2	76.0	77.7	78.2	78.7	77.9	73.1	72.1
GENERAL BUILDING CONTRACTORS	15.6	14.9	15.0	15.7	16.6	17.4	17.3	17.8	17.5	17.5	16.9	15.8	16.5
HEAVY CONSTRUCTION, EX. BLDG	5.7	5.3	5.8	7.6	8.5	8.8	8.7	8.9	9.1	9.1	8.9	7.7	7.9
SPECIAL TRADE CONTRACTORS	217002	42.6	41.8	43.9	46.9	50.0	50.0	51.0	51.5	52.1	52.1	49.6	47.7
MANUFACTURING	300001	469.2	467.2	466.6	465.2	464.6	454.3	458.2	461.1	459.1	458.4	456.5	462.1
DURABLE GOODS	300016	304.4	302.5	302.1	300.5	297.2	291.6	291.6	293.4	291.6	290.1	288.6	296.1
LUMBER & FURNITURE	324026	7.6	7.5	7.6	7.8	7.9	7.9	7.9	8.0	7.9	7.7	7.5	7.8
STONE, CLAY & GLASS	332002	7.6	7.5	7.6	7.8	8.0	8.0	7.9	8.0	8.0	7.9	7.8	7.8
PRIMARY METALS	333002	9.8	9.7	9.6	9.6	9.4	8.6	8.9	9.2	9.1	9.1	9.1	9.3
FABRICATED METALS	334002	36.6	36.3	36.1	35.9	36.2	35.8	36.0	36.0	35.7	35.8	35.5	36.0
CUTLERY, HAND TOOLS, HARDWARE	334203	7.9	7.9	7.9	7.9	8.0	8.0	7.9	7.8	7.7	7.8	7.7	7.9
INDUSTRIAL MACH & EQUIPMENT	335002	73.3	72.8	72.7	72.2	70.2	68.7	68.8	68.8	67.8	66.9	66.8	70.1
METALWORKING MACHINERY	335403	8.8	8.6	8.6	8.5	8.4	8.1	8.1	8.1	8.1	8.0	8.0	8.3
SPECIAL INDUSTRY MACHINERY	335503	9.1	9.0	9.0	9.0	9.0	8.8	8.9	8.9	8.9	8.9	9.0	9.0
COMPUTER & OFFICE EQUIPMENT	335703	37.7	37.7	37.5	37.4	37.3	35.4	35.0	34.8	34.0	33.1	32.7	35.6
ELECTRONIC & ELECTRIC EQUIPMENT	336002	65.7	65.5	65.4	64.9	64.1	62.7	62.8	62.5	62.3	62.3	62.0	63.7
COMMUNICATIONS EQUIPMENT	336603	18.0	18.1	18.1	18.0	17.9	17.7	17.6	17.5	17.3	17.3	17.2	17.7
ELECTRONIC COMPONENTS	336703	29.0	28.8	28.7	28.3	28.0	27.0	26.9	26.5	26.4	26.2	26.1	27.5
TRANSPORTATION EQUIPMENT	337002	25.2	25.2	25.1	24.8	24.5	23.8	23.6	23.6	23.6	23.6	23.4	24.2
INSTRUMENTS	338002	62.9	62.3	62.2	61.7	61.4	60.4	60.4	60.6	60.4	60.0	60.1	61.2
MEASURING & CONTROL DEVICES	338203	23.8	23.5	23.4	23.1	23.0	22.8	22.5	22.6	22.5	22.3	22.3	22.9
MISCELLANEOUS MANUFACTURING	339002	15.7	15.7	15.6	16.0	16.1	16.0	15.2	16.7	16.8	16.8	16.4	16.1
JEWELRY	339103	5.1	5.1	5.1	5.1	5.2	5.2	5.2	5.5	5.7	5.6	5.5	5.3
NONDURABLE GOODS	400016	164.8	164.7	164.5	164.7	165.3	162.7	166.5	167.7	167.5	168.3	167.9	166.0
FOOD & KINDRED PRODUCTS	420002	18.9	18.8	18.4	18.4	18.5	18.6	19.1	19.1	19.2	19.3	19.5	18.9
TEXTILE MILL PRODUCTS	422002	14.5	14.6	14.6	14.7	14.9	13.9	14.6	14.7	14.5	14.4	14.4	14.5
APPAREL	423002	17.4	17.6	17.7	17.8	18.0	17.2	17.9	18.0	18.1	18.2	18.0	17.8
PAPER & ALLIED PRODUCTS	426002	21.0	20.9	20.9	20.9	20.7	20.1	20.6	21.1	20.9	21.2	21.2	20.9
PRINTING & PUBLISHING	427002	47.2	47.1	47.1	47.2	47.1	47.3	47.5	47.9	47.9	48.3	48.2	47.5
CHEMICALS	428002	17.2	17.0	16.9	16.9	17.1	16.7	17.0	16.9	16.8	16.9	16.9	17.0
RUBBER & MISCELLANEOUS PLASTIC PROD	430002	21.9	21.9	21.8	21.6	21.9	22.0	22.5	22.6	22.6	22.8	22.3	22.3
MISCELLANEOUS PLASTIC PRODUCTS	430803	16.2	16.3	16.2	16.0	16.3	16.9	17.1	17.1	17.2	17.3	16.7	16.7
LEATHER & LEATHER PRODUCTS	431002	5.6	5.6	5.7	5.7	5.8	5.4	5.7	5.7	5.8	5.6	5.7	5.7
TRANSPORTATION PUBLIC UTILITIES	500001	118.5	118.7	119.6	119.9	121.0	117.9	118.1	121.7	121.4	122.4	121.4	120.3
TRANSPORTATION	500016	66.1	66.0	66.7	67.2	67.8	64.3	64.6	68.8	69.2	69.4	69.2	67.4
COMMUNICATIONS & PUBLIC UTILITIES	500036	52.4	52.7	52.9	52.7	53.2	53.6	53.5	52.9	52.2	53.0	52.7	52.9
COMMUNICATIONS	548002	29.2	29.4	29.5	29.2	29.4	29.8	29.7	29.4	28.8	29.6	29.4	29.4
ELECTRIC, GAS & SANITARY SERVICES	549002	23.2	23.3	23.4	23.5	23.8	23.8	23.8	23.5	23.4	23.4	23.3	23.5



MASSACHUSETTS  
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT  
FOR CALENDAR YEAR 1992

REVISED TO 1ST QTR 1992 BENCHMARK

SERIES CODE	I N D U S T R Y												AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY											
600001	629.0	622.9	625.5	632.3	641.4	653.1	645.6	643.6	643.3	648.0	651.9	658.6	641.3					
600016	155.4	155.3	155.9	156.1	156.5	157.9	157.3	156.2	156.0	155.9	156.2	155.7	156.2					
650012	91.0	91.1	91.3	91.4	91.3	92.0	91.4	90.4	90.0	90.0	90.1	89.7	90.8					
651012	64.4	64.2	64.6	64.7	65.2	65.9	65.9	65.8	66.0	65.9	66.1	66.0	65.4					
600036	473.6	467.6	469.6	476.2	484.9	495.2	488.3	487.4	487.3	492.1	495.7	502.9	485.1					
652002	15.6	15.3	15.5	16.6	17.3	17.6	17.2	16.9	16.6	16.8	16.7	16.5	16.6					
653002	46.8	44.5	44.6	44.4	44.4	44.4	44.2	44.4	45.0	46.7	49.7	52.1	46.0					
654002	90.4	89.5	89.2	90.1	89.9	92.3	90.2	89.4	89.5	89.4	88.9	90.4	89.9					
655002	37.7	37.6	37.6	38.0	38.5	39.1	39.4	39.2	39.2	39.3	39.2	39.0	38.7					
656002	38.1	36.7	36.7	36.9	37.4	37.6	37.0	38.3	37.8	39.2	40.5	41.6	38.2					
657002	19.7	19.4	19.3	19.2	19.2	19.3	19.3	19.0	19.1	19.3	19.8	20.0	19.4					
658002	151.1	152.1	154.4	159.4	165.6	172.2	169.6	168.9	167.5	167.4	164.9	163.8	163.1					
659002	74.2	72.5	72.1	71.6	72.3	72.7	71.4	71.3	72.6	74.0	76.0	79.5	73.4					
700001	195.2	195.4	196.0	195.6	196.8	198.2	197.5	197.0	195.0	194.8	194.6	194.1	185.9					
700026	95.3	96.0	96.6	96.6	96.6	97.4	97.7	97.5	96.8	97.3	97.5	97.9	96.9					
760002	61.6	61.5	61.4	61.2	61.0	61.5	61.3	61.1	60.7	60.9	61.4	61.6	61.3					
760203	35.3	35.4	35.4	35.3	35.1	35.4	35.3	35.2	34.9	35.2	35.5	35.6	35.3					
760303	19.6	19.5	19.4	19.2	19.2	19.4	19.2	18.2	19.0	19.1	19.3	19.4	19.3					
700046	74.5	74.0	73.8	73.3	73.6	73.5	72.7	72.5	71.7	71.6	71.5	70.7	72.8					
763002	54.0	53.5	53.4	53.0	53.2	53.1	52.4	52.3	51.5	51.4	51.4	50.7	52.5					
800001	877.7	887.8	894.1	903.5	911.6	917.8	917.3	914.4	912.7	921.2	917.2	911.8	907.3					
873002	135.4	136.8	136.3	138.9	141.3	143.7	142.3	142.6	142.1	143.4	143.1	142.6	140.9					
880002	282.5	282.8	283.7	284.3	285.9	289.2	288.3	287.8	288.8	290.9	292.0	292.4	287.4					
880603	131.9	131.9	132.4	132.4	132.8	134.2	134.3	134.1	134.1	134.7	135.6	135.5	133.7					
882002	120.0	126.4	127.0	127.7	129.9	118.4	117.5	115.3	121.7	127.5	128.2	125.5	123.4					
883002	65.6	66.0	66.5	66.4	66.7	65.9	65.1	65.1	65.3	66.4	67.3	67.7	66.2					
887002	94.0	94.8	95.8	96.2	96.0	97.7	98.1	97.8	96.9	96.5	96.0	95.5	96.3					
900001	383.3	388.0	389.9	386.3	388.7	385.9	361.9	356.5	366.4	374.6	379.2	378.7	378.3					
910001	60.6	60.9	60.8	60.0	59.9	60.2	60.2	59.6	58.6	57.3	57.3	57.2	59.4					
914302	26.2	25.7	25.6	25.5	25.3	25.4	25.4	25.4	25.0	24.1	24.1	24.1	25.2					
920001	96.2	98.7	98.4	98.6	98.2	94.0	91.7	91.0	90.5	94.1	94.6	94.3	95.0					
928063	13.3	13.0	12.8	12.7	12.7	12.7	12.4	12.2	12.2	12.2	12.2	12.3	12.6					
928202	24.4	27.2	27.1	27.1	26.5	21.1	20.7	20.2	21.3	25.5	25.5	25.6	24.4					
930001	226.5	228.4	230.7	227.7	230.6	231.7	210.0	205.9	217.3	223.2	227.3	227.2	223.9					
938202	129.9	131.6	132.4	131.0	132.6	131.1	107.3	104.1	120.5	127.4	130.5	131.2	125.8					
336000	190.7	189.6	189.1	187.6	186.8	183.9	180.6	180.5	180.3	179.3	177.8	177.2	183.6					
873985	89.5	90.3	90.3	90.8	91.5	92.8	92.9	92.1	91.4	91.6	91.4	91.3	91.3					

\* NOT CURRENTLY VALIDATED BY THE U.S. BUREAU OF LABOR STATISTICS





MASSACHUSETTS  
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT  
FOR CALENDAR YEAR 1991

REVISED TO 1ST QTR 1992 BENCHMARK

INDUSTRY	SERIES CODE	JAN. FEB. MAR. APRIL MAY JUNE JULY AUG. SEPT. OCT. NOV. DEC. AVG.											
NONAGRICULTURAL EMPLOYMENT	000000	2,817.3	2,804.1	2,811.5	2,817.0	2,837.6	2,865.2	2,806.1	2,820.4	2,821.5	2,822.3	2,826.2	2,821.2
TOTAL PRIVATE	000015	2,421.7	2,403.7	2,410.6	2,419.6	2,439.2	2,465.6	2,438.1	2,439.5	2,434.5	2,433.0	2,435.5	2,431.2
FOODS PRODUCING	000045	574.1	564.9	564.3	564.6	568.3	573.7	568.4	567.0	562.2	558.4	552.1	565.0
SERVICE PRODUCING	000055	2,243.2	2,239.2	2,247.2	2,252.4	2,269.5	2,291.5	2,243.1	2,237.7	2,259.3	2,263.9	2,274.1	2,256.2
PRIVATE SERVICE PRODUCING	000075	1,847.6	1,838.6	1,846.5	1,855.0	1,870.9	1,892.1	1,872.1	1,869.7	1,872.2	1,874.6	1,883.4	1,866.3
MINING	100001	1.1	1.0	1.1	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.2
CONSTRUCTION	200001	76.1	71.6	72.1	75.9	80.7	83.6	84.4	85.0	80.7	78.3	73.8	78.8
GENERAL BUILDING CONTRACTORS	210002	21.1	19.9	19.9	19.6	20.5	21.2	21.1	20.4	19.4	18.6	17.5	20.0
HEAVY CONSTRUCTION, EX. BLDG	216002	5.4	5.0	5.6	7.5	6.7	6.6	6.4	6.4	6.5	6.6	7.8	7.6
SPECIAL TRADE CONTRACTORS	217002	49.6	46.8	46.6	48.8	51.5	53.8	54.8	55.5	54.3	51.1	48.5	51.2
MANUFACTURING	300001	496.9	492.3	491.1	487.5	486.3	488.6	475.7	482.1	482.6	478.9	477.2	485.0
DURABLE GOODS	300016	327.0	323.6	323.0	320.2	318.6	319.2	312.3	314.5	313.9	310.4	308.9	317.0
LUMBER & FURNITURE	324026	6.0	7.7	7.7	7.9	8.0	8.2	7.7	8.1	8.0	7.9	7.8	7.9
STONE, CLAY & GLASS	332002	7.6	7.4	7.5	7.6	7.7	7.8	7.8	8.0	8.1	8.2	8.1	7.8
PRIMARY METALS	333002	10.9	10.7	10.6	10.5	10.4	10.4	9.1	10.2	10.3	10.3	10.3	10.3
FABRICATED METALS	334002	38.9	38.4	38.3	38.1	38.2	38.2	37.3	37.5	37.7	37.5	37.2	37.9
CUTLERY, HAND TOOLS, HARDWARE	334203	8.0	8.0	8.0	7.9	8.0	8.0	7.8	8.0	8.0	8.1	8.0	8.0
INDUSTRIAL MACH. & EQUIPMENT	335002	79.4	78.5	78.5	77.6	77.2	77.2	76.4	76.2	75.4	74.4	74.2	76.6
METALWORKING MACHINERY	335403	9.8	9.6	9.6	9.6	9.4	9.4	9.1	9.0	9.0	8.9	8.9	9.3
SPECIAL INDUSTRY MACHINERY	335503	9.2	9.1	9.1	9.0	9.0	9.1	8.9	9.1	9.2	9.1	9.1	9.1
COMPUTER & OFFICE EQUIPMENT	335703	41.5	41.0	40.8	40.5	40.3	40.2	40.3	40.1	39.1	38.8	38.3	40.0
ELECTRONIC & ELECTRIC EQUIPMENT	336002	70.8	70.2	70.2	69.2	68.9	69.0	67.9	68.0	68.1	66.8	66.5	68.5
COMMUNICATIONS EQUIPMENT	336603	18.9	18.6	18.6	18.4	18.4	18.5	18.4	18.5	18.5	18.1	18.3	18.5
ELECTRONIC COMPONENTS	336703	31.8	31.6	31.6	31.4	31.2	31.2	30.5	30.4	30.4	29.8	29.5	30.7
TRANSPORTATION EQUIPMENT	337002	27.0	26.7	26.5	26.3	26.0	25.9	25.6	25.5	25.6	25.7	25.4	26.0
INSTRUMENTS	338002	67.7	67.4	67.2	66.5	66.1	66.3	65.3	65.3	64.7	63.5	63.2	65.6
MEASURING & CONTROL DEVICES	338203	25.9	25.7	25.5	25.3	25.2	25.2	24.7	24.8	24.5	24.0	24.1	24.9
MISCELLANEOUS MANUFACTURING	339002	16.7	16.6	16.5	16.5	16.2	16.2	15.0	15.7	16.2	16.6	16.3	16.2
JEWELRY	339103	5.8	5.7	5.6	5.6	5.5	5.4	4.8	5.2	5.3	5.5	5.4	5.4
NONDURABLE GOODS	400016	169.9	168.7	168.1	167.3	167.7	169.4	163.4	167.6	168.7	168.5	168.3	168.0
FLUID & KINDRED PRODUCTS	420002	19.7	19.3	19.0	19.1	19.5	19.9	19.4	19.7	19.8	19.8	20.0	19.6
TEXTILE MILL PRODUCTS	422002	13.9	13.7	13.6	13.7	14.0	14.2	13.4	14.2	14.5	14.6	14.5	14.1
APPAREL	423002	17.5	17.7	17.5	17.3	17.5	17.7	16.9	17.9	18.2	18.1	18.1	17.9
PAPER & ALLIED PRODUCTS	426002	21.5	21.4	21.4	21.1	20.9	21.2	20.1	20.9	21.2	21.2	21.1	21.1
PRINTING & PUBLISHING	427002	50.1	49.7	49.7	49.3	49.2	49.3	48.2	48.3	48.3	48.2	48.4	48.9
CHEMICALS	428002	17.6	17.5	17.5	17.4	17.3	17.4	17.2	17.2	17.1	17.2	17.2	17.3
RUBBER & MISCELLANEOUS PLASTIC PROD.	430002	22.5	22.2	22.2	22.0	21.9	22.2	21.3	21.9	22.0	22.1	22.1	22.1
MISCELLANEOUS PLASTIC PRODUCTS	430803	16.9	16.8	16.9	16.8	16.6	16.8	16.0	16.4	16.5	16.5	16.5	16.6
LEATHER & LEATHER PRODUCTS	431002	6.1	6.2	6.1	6.0	6.0	6.1	5.7	6.0	6.1	6.0	6.0	6.0
TRANSPORTATION, PUBLIC UTILITIES	500001	125.5	124.5	124.4	122.9	124.3	125.6	120.2	120.2	124.1	123.2	122.5	123.4
TRANSPORTATION	500016	70.5	69.5	69.3	68.5	69.5	70.5	65.9	65.9	69.8	69.5	68.8	68.9
COMMUNICATIONS & PUBLIC UTILITIES	500036	55.0	55.0	55.1	54.4	54.8	55.1	54.3	54.3	53.7	53.7	53.8	54.5
COMMUNICATIONS	548002	31.6	31.5	31.5	30.9	30.9	31.0	30.7	30.6	30.6	30.4	30.3	30.9
ELECTRIC, GAS & SANITARY SERVICES	549002	23.4	23.5	23.6	23.5	23.9	24.1	23.6	23.7	23.7	23.3	23.4	23.6





MASSACHUSETTS  
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT  
FOR CALENDAR YEAR 1991

REVISED TO 1ST QTR 1992 BENCHMARK

SERIES CODE	I N D U S T R Y												DEC.	NOV.	OCT.	SEPT.	AUG.	JULY	JUNE	MAY	APRIL	MARCH	FEB.	JAN.	AVG.
WHOLESALE & RETAIL TRADE	600001	650 6	635 9	637 4	641 4	651 8	664 4	654 1	653 8	652 2	649 5	655 1	661 5	650 6											
	600016	161 3	159 8	159 8	158 3	158 8	159 8	158 3	157 6	157 2	157 3	158 1	158 1	158 7											
	650012	96 1	95 2	95 2	93 6	93 4	93 8	92 8	91 8	91 5	91 7	92 1	92 1	93 3											
	651012	65 2	64 6	64 6	64 7	65 0	66 0	65 5	65 8	65 7	65 6	66 0	66 0	65 4											
	600036	489 3	476 1	477 6	483 1	493 4	504 6	495 8	496 2	495 0	492 2	497 0	503 4	492 0											
	652002	16 9	16 2	16 4	17 3	18 1	18 3	17 8	17 4	17 2	17 1	17 0	17 0	17 0											
	653002	51 7	46 7	46 2	45 2	45 9	46 0	44 7	44 3	44 5	45 5	49 3	52 0	46 8											
	654002	94 0	92 7	92 5	93 0	93 7	95 7	94 5	94 6	93 8	92 7	93 0	93 0	93 6											
	655002	39 9	39 2	38 9	38 6	38 8	39 2	38 9	39 0	39 0	38 7	38 7	38 6	38 5	38 9										
	656002	40 3	38 4	38 3	37 7	38 4	39 1	38 1	38 9	38 9	38 8	38 9	41 0	42 4	39 2										
RETAIL TRADE	657002	21 3	20 7	20 6	20 2	20 1	20 2	19 6	19 6	19 7	19 9	20 5	21 3	20 3											
	658002	149 1	148 4	151 4	157 7	164 9	171 8	169 4	169 2	167 7	164 5	160 7	159 0	161 1											
	659002	76 1	73 8	73 3	73 4	73 9	74 3	72 8	73 2	74 3	74 9	76 9	80 2	74 8											
	700001	205 9	205 0	204 8	203 2	203 0	204 4	201 8	200 8	199 2	197 6	197 6	198 1	201 8											
	700026	101 6	100 9	100 5	99 5	99 1	99 2	98 1	97 4	96 8	96 1	96 3	96 8	98 5											
	760002	67 6	67 1	66 7	65 8	65 3	65 1	63 7	63 0	62 6	62 0	61 8	61 9	64 4											
	760203	39 6	39 5	39 2	38 6	38 2	37 9	37 2	36 8	36 3	35 9	35 6	35 5	37 5											
	760303	20 9	20 7	20 6	20 4	20 3	20 4	19 8	19 6	19 6	19 4	19 6	19 7	20 1											
	700046	76 6	76 7	76 7	76 3	76 0	76 5	75 6	75 3	75 0	74 5	74 8	74 8	75 7											
	763002	53 9	53 9	53 9	53 8	53 7	54 2	53 8	53 7	53 7	53 4	54 0	54 1	53 8											
BUSINESS SERVICES	800001	865 6	873 4	879 9	887 5	891 8	897 7	896 0	894 9	897 0	902 0	899 4	900 9	890 5											
	873002	135 6	135 1	136 0	135 6	137 5	138 8	138 6	140 3	142 4	142 0	142 3	142 6	138 9											
	880002	272 2	272 9	274 5	275 2	275 4	277 7	277 0	277 0	277 9	279 7	281 5	283 2	277 0											
	880603	129 2	129 2	129 6	129 9	129 3	130 4	130 3	129 8	129 8	131 4	131 9	132 6	130 3											
	882002	116 0	126 2	127 5	127 8	125 8	120 9	119 1	117 5	123 5	128 5	129 1	127 4	124 3											
	883002	64 1	64 4	64 8	64 2	64 5	63 7	61 8	61 6	63 6	64 7	65 3	65 9	64 1											
	887002	92 7	92 6	92 8	92 7	92 4	93 3	93 4	93 4	92 9	93 5	93 9	95 2	93 2											
	900001	395 6	400 4	400 7	397 4	396 6	399 4	371 0	368 0	380 9	387 0	389 3	390 7	389 9											
	910001	61 1	61 4	61 3	61 4	60 9	61 4	61 2	61 2	60 3	59 7	59 8	61 0	60 9											
	914302	26 8	26 6	26 6	26 4	26 4	26 7	26 7	26 5	26 2	25 5	25 6	26 8	26 4											
STATE	920001	98 1	101 4	101 9	101 7	101 4	100 3	100 5	99 5	99 7	99 7	99 7	99 0	100 2											
	928063	14 6	14 5	14 5	14 4	14 4	14 4	14 3	14 0	14 0	13 8	13 6	13 3	14 2											
	928202	23 0	26 6	26 9	26 9	27 0	25 7	24 7	24 5	25 7	26 8	26 9	27 0	26 0											
	930001	236 4	237 6	237 5	234 3	236 3	237 7	209 3	207 3	220 9	227 6	229 8	230 7	228 8											
	938202	135 3	136 8	136 4	135 1	135 8	134 4	106 2	105 4	122 7	130 6	132 6	132 3	128 6											
	936000	205 5	204 0	203 4	201 4	200 2	200 3	198 3	198 0	196 4	194 1	193 1	192 3	198 9											
	873985	90 2	89 9	89 8	89 6	89 5	90 3	90 6	90 7	89 9	90 2	90 9	91 7	90 3											
	* HIGH TECHNOLOGY MANUFACTURING																								
	* HIGH TECHNOLOGY NONMANUFACTURING																								

NOT CURRENTLY VALIDATED BY THE U S BUREAU OF LABOR STATISTICS



MASSACHUSETTS  
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT  
FOR CALENDAR YEAR 1990

REVISED TO 1ST QTR 1991 BENCHMARK

S E R I E S C O D E	I N D U S T R Y	J A N . F E B . M A R . A P R I L M A Y J U N E J U L Y A U G . S E P T . O C T . N O V . D E C . A V G .												
		JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT		2,984.2	2,984.0	2,995.1	2,993.7	3,019.7	3,042.3	2,977.7	2,971.9	2,982.5	2,961.3	2,955.5	2,949.8	2,984.8
TOTAL PRIVATE	000015	2,578.8	2,574.1	2,584.9	2,583.0	2,601.9	2,627.8	2,592.1	2,594.9	2,590.1	2,562.8	2,554.0	2,547.4	2,582.7
GOODS PRODUCING	000045	635.8	627.3	626.2	625.7	629.3	633.8	625.1	629.1	626.5	614.9	610.1	601.3	623.8
SERVICE PRODUCING	000055	2,348.4	2,356.7	2,368.9	2,368.0	2,390.4	2,408.5	2,352.6	2,342.8	2,356.0	2,346.4	2,345.4	2,348.5	2,361.1
PRIVATE SERVICE PRODUCING	000075	1,943.0	1,946.8	1,958.7	1,957.3	1,972.6	1,994.0	1,967.0	1,965.8	1,963.6	1,947.9	1,943.9	1,946.1	1,958.9
MINING	100001	1.3	1.3	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.3	1.4
CONSTRUCTION	200001	99.3	95.3	95.7	99.4	104.3	107.0	107.5	108.3	106.7	100.8	97.5	91.3	101.1
GENERAL BUILDING CONTRACTORS	215002	28.7	27.4	27.4	27.6	28.6	29.3	29.3	29.1	28.6	27.3	26.5	25.0	27.9
HEAVY CONSTRUCTION, EX. BLDG	216002	6.5	6.5	6.8	6.8	6.9	6.9	9.2	9.7	10.1	9.5	9.3	8.1	8.6
SPECIAL TRADE CONTRACTORS	217002	64.1	61.4	61.5	63.6	66.8	68.5	68.5	69.4	68.0	64.0	61.7	58.2	64.6
MANUFACTURING	300001	535.2	530.7	529.2	524.8	523.5	525.3	516.1	519.3	518.3	512.7	511.2	508.7	521.3
DURABLE GOODS	300016	353.8	350.7	349.4	346.0	344.4	344.5	340.0	340.0	338.9	336.0	334.7	333.5	342.7
LUMBER & FURNITURE	324026	9.6	9.4	9.3	9.1	9.3	9.3	9.3	9.3	9.2	8.8	8.6	8.4	9.1
STONE, CLAY & GLASS	332002	8.8	8.7	8.8	8.7	8.7	8.8	8.6	8.7	8.8	8.8	8.7	8.5	8.7
PRIMARY METALS	333002	11.8	11.7	11.7	11.5	11.4	11.4	10.7	11.0	11.2	10.9	10.9	10.9	11.3
FABRICATED METALS	334002	41.9	41.7	41.5	41.1	40.9	41.0	40.5	40.5	40.7	40.3	40.1	40.2	40.9
CUTLERY, HAND TOOLS, HARDWARE	334203	8.5	8.6	8.6	8.5	8.5	8.5	8.3	8.3	8.2	8.3	8.2	8.2	8.4
INDUSTRIAL MACH & EQUIPMENT	335002	89.8	88.2	87.7	86.6	86.0	85.6	84.1	83.9	83.3	82.9	82.2	81.6	85.2
METALWORKING MACHINERY	335403	11.2	11.0	10.9	10.8	10.6	10.6	10.4	10.3	10.2	10.1	10.1	10.1	10.5
SPECIAL INDUSTRY MACHINERY	335503	9.9	10.0	9.9	9.8	9.8	9.8	9.7	9.7	9.7	9.6	9.5	9.5	9.7
COMPUTER & OFFICE EQUIPMENT	335703	48.0	46.8	46.4	45.9	45.5	45.1	44.3	44.0	43.6	43.4	43.1	42.5	44.9
ELECTRONIC & ELECTRIC EQUIPMENT	336002	75.8	75.3	74.7	73.4	72.8	72.9	72.6	72.2	71.6	71.2	71.1	71.1	72.9
COMMUNICATIONS EQUIPMENT	336603	18.8	19.0	18.9	18.5	18.4	18.5	18.9	18.8	18.8	18.7	18.7	18.8	18.7
ELECTRONIC COMPONENTS	336703	34.7	34.5	34.2	33.4	33.2	33.2	32.7	32.3	32.0	32.2	32.1	32.1	33.1
TRANSPORTATION EQUIPMENT	337002	28.1	28.0	28.0	28.2	28.1	28.1	28.1	27.8	27.6	27.5	27.3	27.3	27.8
INSTRUMENTS	338002	70.4	70.2	70.2	70.1	69.9	70.0	69.3	69.4	69.0	68.1	68.2	68.1	69.4
MEASURING & CONTROL DEVICES	338203	27.8	27.7	27.7	27.5	27.4	27.3	27.2	27.1	26.9	26.0	26.0	25.8	27.0
MISCELLANEOUS MANUFACTURING	339002	17.6	17.5	17.5	17.3	17.3	17.4	16.8	17.2	17.5	17.5	17.6	17.4	17.4
JEWELRY	339103	6.7	6.7	6.7	6.5	6.6	6.6	6.3	6.4	6.5	6.4	6.4	6.2	6.5
NONDURABLE GOODS	400016	181.4	180.0	179.8	178.8	179.1	180.8	176.1	179.3	179.4	176.7	176.5	175.2	178.6
FOOD & KINDRED PRODUCTS	420002	19.8	19.4	19.2	19.5	19.9	20.4	20.2	20.5	20.9	20.7	20.8	20.4	20.1
TEXTILE MILL PRODUCTS	422002	15.1	15.0	14.8	14.5	14.7	14.9	14.0	14.7	14.6	14.5	14.4	14.5	14.6
APPAREL	423002	19.4	19.7	19.7	19.3	19.4	19.6	18.7	19.4	19.3	18.7	18.5	18.4	19.2
PAPER & ALLIED PRODUCTS	426002	22.9	22.7	22.7	22.4	22.3	22.6	22.1	22.4	22.4	22.4	22.4	22.2	22.5
PRINTING & PUBLISHING	427002	53.7	53.2	53.3	52.7	52.4	52.6	51.6	51.8	51.9	51.0	51.2	51.1	52.2
CHEMICALS	428002	17.9	17.7	17.8	17.7	17.7	17.9	17.7	17.8	17.7	17.5	17.5	17.6	17.7
RUBBER & MISCELLANEOUS PLASTIC PROD	430002	24.1	24.0	23.9	24.0	24.0	24.0	23.7	24.0	23.8	23.5	23.3	23.2	23.8
MISCELLANEOUS PLASTIC PRODUCTS	430803	18.3	18.2	18.2	18.1	18.1	18.1	17.9	18.2	18.0	17.7	17.6	17.5	18.0
LEATHER & LEATHER PRODUCTS	431002	7.3	7.1	7.2	7.2	7.2	7.3	6.9	7.2	7.3	7.1	6.9	6.6	7.1
TRANSPORTATION, PUBLIC UTILITIES	500001	129.3	129.7	130.5	130.0	131.0	131.5	127.2	127.9	132.2	129.8	129.6	129.6	129.9
TRANSPORTATION	500016	73.3	73.5	74.4	73.8	74.8	75.4	70.7	71.5	75.9	74.0	73.7	73.9	73.7
COMMUNICATIONS & PUBLIC UTILITIES	500036	56.0	56.2	56.1	56.2	56.2	56.1	56.5	56.4	56.3	55.8	55.9	55.7	56.1
COMMUNICATIONS	548002	32.5	32.6	32.2	32.4	32.3	31.8	32.1	31.9	31.8	31.6	31.6	31.4	32.0
ELECTRIC, GAS & SANITARY SERVICES	549002	23.5	23.6	23.9	23.8	23.9	24.3	24.4	24.5	24.5	24.2	24.3	24.3	24.1





MASSACHUSETTS  
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT  
FOR CALENDAR YEAR 1990

REVISED TO 1ST QTR 1991 BENCHMARK

I N D U S T R Y	S E R I E S C O D E	J A N . F E B . M A R . A P R I L M A Y J U N E J U L Y A U G . S E P T . O C T . N O V . D E C . A V G .												
		JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
WHOLESALE & RETAIL TRADE	600001	708.9	692.7	694.3	694.6	702.6	715.2	705.0	704.7	700.4	690.2	693.9	698.1	700.1
WHOLESALE TRADE	600016	172.5	171.4	171.5	170.0	169.6	171.4	170.7	170.9	169.6	168.8	168.2	168.2	170.2
DURABLE GOODS	650012	103.5	102.8	102.7	101.7	101.1	101.7	101.1	100.9	99.9	100.2	99.7	99.5	101.2
NONDURABLE GOODS	651012	69.0	68.6	68.8	68.3	68.5	69.7	69.6	70.0	69.7	68.6	68.5	68.7	69.0
RETAIL TRADE	600036	536.4	521.3	522.8	524.6	533.0	543.8	534.3	533.8	530.8	521.4	525.7	529.9	529.8
BUILD. MATERIALS & GARDEN SUPPLIES	652002	19.0	18.6	18.9	19.6	20.1	20.2	19.9	19.8	19.5	19.1	18.9	18.7	19.4
GENERAL MERCHANDISE STORES	653002	61.2	53.7	53.3	51.6	51.7	51.3	50.1	50.3	50.6	50.4	53.4	55.4	52.8
FOOD STORES	654002	99.2	97.6	97.5	97.5	98.4	101.2	99.2	98.5	97.3	96.5	97.4	97.4	98.1
AUTO DEALERS & SERVICE STATIONS	655002	45.8	45.4	45.7	45.3	45.5	45.8	45.0	44.9	44.5	43.2	42.5	42.0	44.6
APPAREL & ACCESSORIES	656002	45.9	43.4	43.3	42.5	42.7	43.2	42.1	42.6	42.8	42.4	44.2	46.2	43.4
FURN. & EQUIP. STORES	657002	23.4	22.6	22.4	22.1	21.9	22.1	21.8	21.9	21.9	22.2	22.6	22.8	22.3
EATING & DRINKING PLACES	658002	160.1	160.3	162.6	167.6	173.7	180.3	178.8	178.5	175.9	169.0	165.9	164.2	169.7
MISCELLANEOUS RETAIL	659002	81.8	79.7	79.1	78.4	79.0	79.7	77.4	77.3	78.3	78.6	80.8	83.2	79.4
FINANCE, INSURANCE & REAL ESTATE	700001	214.5	214.4	214.8	214.0	214.6	216.1	214.9	214.8	213.0	210.0	209.1	209.3	213.3
FINANCE	700026	107.1	107.0	107.1	106.5	106.2	106.6	106.0	106.0	104.6	103.4	102.7	102.6	105.5
DEPOSITORY INSTITUTIONS	760002	73.4	73.0	72.9	72.3	72.0	72.1	71.7	71.4	70.3	69.3	68.8	68.6	71.3
COMMERCIAL BANKS	760203	43.6	43.6	43.5	42.9	42.7	42.5	42.4	42.1	41.5	41.2	40.7	40.5	42.3
SAVINGS INSTITUTIONS	760303	22.9	22.6	22.7	22.6	22.5	22.6	22.1	21.8	21.8	21.1	21.1	21.1	22.1
INSURANCE	700046	77.2	77.3	77.5	77.6	78.0	78.2	77.7	77.5	77.6	76.7	76.8	77.0	77.4
INSURANCE CARRIERS	763002	54.3	54.3	54.4	54.5	54.7	54.8	54.4	54.3	54.6	53.9	54.0	54.0	54.4
SERVICES	800001	890.3	910.0	919.1	918.7	924.4	931.2	919.9	918.4	918.0	917.9	911.3	909.1	915.7
BUSINESS SERVICES	873002	151.0	152.0	153.6	149.0	149.6	151.2	150.6	152.3	151.0	147.1	146.1	145.5	149.9
HEALTH SERVICES	880002	265.4	266.7	267.9	268.2	269.1	272.2	272.6	272.2	272.9	273.5	274.7	275.9	270.9
HOSPITALS	880603	127.7	128.1	128.0	128.3	128.0	129.6	129.3	128.5	128.5	128.7	129.1	129.4	128.6
EDUCATIONAL SERVICES	882002	110.8	126.7	128.6	130.2	130.0	123.9	114.8	113.1	121.1	130.9	131.6	131.8	124.5
SOCIAL SERVICES	883002	65.5	65.8	66.5	66.3	66.4	66.1	64.1	63.7	65.3	66.0	66.3	66.5	65.7
ENGINEERING & MGMT. SERVICES	887002	100.3	100.5	100.8	99.0	98.6	99.4	98.5	98.3	97.0	96.4	95.9	95.5	98.4
GOVERNMENT	900001	405.4	409.9	410.2	410.7	417.8	414.5	385.6	377.0	392.4	398.5	401.5	402.4	402.2
FEDERAL	910001	61.8	62.2	62.9	65.3	70.1	69.5	65.7	62.6	60.9	60.2	60.2	61.5	63.6
U S POSTAL SERVICE	914302	27.0	27.0	26.9	26.9	26.9	27.2	27.4	27.3	27.0	26.6	26.6	27.4	27.0
STATE	920001	101.7	104.8	104.5	104.4	104.3	101.0	101.7	101.1	103.1	104.1	103.4	103.3	103.1
STATE HOSPITALS	928063	16.2	15.9	15.9	15.9	15.9	16.0	15.2	15.1	15.2	15.1	15.0	14.7	15.5
STATE EDUCATION	928202	23.4	27.1	27.0	27.0	26.8	22.6	22.1	21.8	24.6	26.4	26.2	26.0	25.1
LOCAL	930001	241.9	242.9	242.8	241.0	243.4	244.0	218.2	213.3	228.4	234.2	237.9	237.6	235.5
LOCAL EDUCATION	938202	138.9	140.4	140.1	138.3	139.2	136.3	109.4	106.6	124.9	133.3	134.9	135.3	131.5
* HIGH TECHNOLOGY MANUFACTURING	336000	220.6	218.5	217.5	215.7	214.4	214.2	212.2	211.4	210.0	208.2	207.9	207.4	213.2
* HIGH TECHNOLOGY NONMANUFACTURING	873985	94.6	94.5	94.6	93.5	93.1	94.0	94.2	94.4	93.0	92.5	92.3	92.1	93.6

\* - NOT CURRENTLY VALIDATED BY THE U.S. BUREAU OF LABOR STATISTICS







